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February 17, 2021

Mr. James Gruppe, P.E.
NYSDEC Division of Materials Management, Region 7
615 Erie Boulevard West
Syracuse, New York 13204

Re: Solvay Wastebeds 9-15 Site, Towns of Camillus and Geddes, Onondaga County, NY
Site No. 73-40-76 (Consent Order Index # D-7-0001-02-03)
Alternate Solar Closure Plan

Dear Mr. Gruppe:

Included in this transmittal is the Wastebeds 9-15 Alternate Solar Closure Plan. The referenced Consent Order and the Site Closure Plan, submitted to the Agency on December 31, 2020, provide for the proposal of alternate cover systems that comply with 6 NYCRR Part 360 regulations and do not delay the implementation of the site closure program. Ramboll Americas Engineering Solutions, Inc. (Ramboll) has finalized this Alternate Solar Closure Plan on behalf of Honeywell, incorporating the Department's preliminary comments discussed during recent bi-weekly update meetings.

Please contact Maureen Markert (315 420-7382) at Ramboll or me if you have any questions or comments.

Sincerely,

Stephen J. Miller, P.E.
Syracuse Remediation Program Manager

Enc.

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WASTEBEDS 9-15 ALTERNATE SOLAR CLOSURE PLAN

RAMBOLL Bright ideas. Sustainable change.

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Description	**Plan for alternate grassland ET cover and stormwater management to facilitate solar array placement**

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Appendix 1
Wastbeds 9-15 Equivalency Modeling Evaluation

LIST OF ACRONYMS AND ABBREVIATIONS

Abundant	Abundant Solar Power Inc.
CCR	Construction Certification Reports
CESIR	Coordinated Electric System Interconnection Review
CLCPA	Climate Leadership and Community Protection Act
D	Drainage
DS	Change in Storage
E	Evaporation
ET	Evapotranspiration
°F	Degrees Fahrenheit
FS	Feasibility Study
ft	Feet/foot
HELP	Hydrologic Evaluation of Landfill Performance
Honeywell	Honeywell International Inc.
IM	Interim Measures
ITRC	Interstate Technology and Regulatory Council
LaBella	LaBella Associates, D.P.C
LAI	Leaf Area Index
LCCA	Leachate Collection and Conveyance System
Metro	Syracuse Metropolitan Wastewater Treatment Plant
mg/L	Milligram per liter
ND	Nondetect
NG	National Grid
ng/L	Nanogram per liter
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSERDA	New York State Energy Research and Development Authority
OBG	O'Brien & Gere
O&M	Operation and Maintenance
OU1	Operable Unit 1
PDI	Pre-design Investigation
PV	Performance Verification
RD	Remedial Design
RDWP	Remedial Design Work Plan
SAA	Surrounding Affected Area
SCA	Sediment Consolidation Area
SHAW	Simultaneous Heat and Water
Site	Wastebeds 9-15, Camillus and Geddes, New York
SPDES	State Pollutant Discharge Elimination System
SU	Standard Unit
SUNY ESF	State University of New York College of Environmental Science and Forestry
SWPPP	Stormwater Pollution Prevention Plan
USEPA	United States Environmental Protection Agency
WB	Wastebed
WWTP	Wastewater Treatment Plant
µg/L	Microgram per liter

EXECUTIVE SUMMARY

The New York State Department of Environmental Conservation (NYSDEC) and Honeywell International Inc. (Honeywell) entered into an Administrative Consent Order (ID# D-7-0001-02-03) dated December 6, 2010 (NYSDEC 2010), as amended in December 2014 (NYSDEC 2014). The Consent Order identifies activities required for the successful closure of Wastebeds (WB) 9-15 located on approximately 662 acres in Camillus and Geddes, New York. The NYSDEC has determined that WB 9-15 do not pose a significant threat to the environment or public health. Therefore, closure is being administered under the NYSDEC's water and solid waste management programs.

Significant progress towards site closure was made in advance of finalizing a *Site Closure Plan* (Ramboll 2020a), which has resulted in continued improved of stormwater discharge quality at site outfalls including:

- Enhanced leachate capture and conveyance through multiple seep mitigation systems and conveyance system improvements
- Completion of berm stabilization/erosion control measures.

Additionally, following investigation efforts, it was concluded that no further action is required in the majority of off-site surrounding affected area (SAA) floodplains and wetlands.

The *Site Closure Plan* (Ramboll 2020a) identifies an integrated closure program including cover systems and associated stormwater management, berm stabilization and erosion control, leachate management, and closure and post-closure operation, maintenance and monitoring. The *Site Closure Plan* (Ramboll 2020a) describes a shrub willow evapotranspiration (ET) cover, but the Consent Order and *Site Closure Plan* (Ramboll 2020a) provide for the proposal of alternate cover systems that comply with 6 NYCRR Part 360 regulations and do not delay implementation of the site closure program. The purpose of this *Alternate Solar Closure Plan* is to present a conceptual design for an alternate closure approach which facilitates reuse of the site for solar energy production. The alternate solar closure consists of a grassland ET cover and stormwater collection which will provide the opportunity to install rows of solar panels (solar arrays) on the grassland cover. This alternate cover system is proposed for a portion of Wastebeds 13 and 14 and provides multiple advantages relative to a traditional solid waste landfill cover as outlined below.

The grassland ET cover system provides the following benefits and opportunities:

- Consistency with state and federal green remediation policies and strategies that aim to minimize the environmental footprint of cleanup actions; the grassland ET cover eliminates the need to truck and place approximately 3 million cubic yards of borrow soils, conserving borrow sites, topsoil, fossil fuels, and roadways
- Generation of a renewable energy source as an alternative to fossil fuels in support of New York's recent "Green New Deal" [the Climate Leadership and Community Protection Act (CLCPA)]
- Enhanced biodiversity and range of habitat structure.

This plan demonstrates how the integrated alternate solar closure program including the grassland-based ET cover system, stormwater management, leachate management and berm stabilization and erosion control not only satisfies the NYSDEC environmental protection criteria, but ultimately provides renewable energy, economic, and ecosystem benefits to the Central New York Community.

1. INTRODUCTION

This document describes a plan for an alternate closure on portions of Wastebeds (WB) 13 and 14, part of the WB 9-15 site located in Camillus, NY. The alternate closure consists of a grassland evapotranspiration (ET) cover system and stormwater management combined with solar panels for renewable energy production. This alternate closure plan satisfies the submittal requirement for an alternate cover proposal in the Administrative Consent Order between the New York State Department of Environmental Conservation (NYSDEC) and Honeywell International Inc. (Honeywell) (ID# D-7-0001-02-03; Consent Order) dated December 6, 2010 (NYSDEC 2010), as amended in December 2014 (NYSDEC 2014). The NYSDEC has determined that WB 9-15 do not pose a significant threat to the environment or public health. Therefore, closure of WB 9-15 is being administered under the NYSDEC's water and solid waste management programs.

The overall goal of this plan is to provide proof of concept for a grassland-based ET cover system for the site as part of site closure. This plan aims to demonstrate that the grassland-based ET cover system not only satisfies the NYSDEC environmental protection criteria, but ultimately provides renewable energy, economic, and ecosystem benefits to the Central New York Community.

The alternate solar closure approach is an integrated program combining a grassland ET cover system and stormwater collection to facilitate solar panel installation, with leachate management and berm stabilization and erosion control, and incorporating previously constructed interim measures (IMs) described in the *Site Closure Plan* (Ramboll 2020a). Post-closure operation, maintenance, and monitoring are addressed in the *Operation and Maintenance (O&M) Plan* and the *Performance Verification Plan* which will be submitted under separate cover, and in **Section 4** of this document for the alternate solar closure.

The organization of this Plan is consistent with closure plan requirements as required by the Consent Order. **Section 2** provides an overview of the project background. **Section 3** details the alternate solar closure evaluation, including the benefits, and how this approach will satisfy the regulatory requirements. **Section 4** outlines the conceptual design, implementation, monitoring and maintenance of the alternate solar closure. Reporting is summarized in **Section 5** and **Section 6** presents the closure schedule.

2. BACKGROUND

2.1 Site Description

The alternate solar closure pilot is proposed for approximately 56 acres on WB 13 and 24 acres on WB 14 in Camillus, New York (**Figure 2-1**). The full WB 9-15 site encompasses approximately 662 acres. A site plan is included as attached **Figure 1**. WB 9-15 received Solvay waste between 1944 and 1985 generated by Allied Chemical via the Solvay Process. A discussion of Solvay waste and historical information regarding WB 9-15 is presented in the *Site Closure Plan* (Ramboll 2020a).

Figure 2-1. Site Location Map

In accordance with the Consent Order, several IMs have been designed and implemented at WB 9-15 to reduce migration of Solvay waste constituents to storm water and the off-site surrounding affected area (SAA). These IMs are described in detail in the *Site Closure Plan* (Ramboll 2020a) and include:

- Seep mitigation systems,
- Improvements to the leachate collection and conveyance system, and
- Berm stabilization and erosion control measures.

Additionally, a full-scale demonstration of a shrub willow ET cover was performed on WB 14 as a green technology as described in the *Shrub Willow Sustainable Remedy Pre-Design Investigation Report* which will be submitted under separate cover. The results of the demonstration supported use of the willow ET cover system in the site closure program to reduce the amount of water that percolates into the wastebeds.

The WB 13 portion of the proposed alternate solar closure area is adjacent to the Sediment Consolidation Area (SCA) associated with the Onondaga Lake Bottom Site. As described in the *Site Closure Plan* (Ramboll 2020a), dredged Onondaga Lake sediments were consolidated in the SCA which was engineered with a composite (clay/geomembrane) bottom liner and leachate collection system, and closed with a multi-layer cover, gas venting, leachate management, and stormwater management systems in accordance with the substantive requirements of NYSDEC's 6 NYCRR Part 360 regulations, Section 2.14(a), as specified in the Onondaga Lake Consent

Decree between NYSDEC and Honeywell. In accordance with an Onondaga Lake Natural Resource Damages Consent Decree signed on March 14, 2018, the vegetation established for the final SCA cover consists of a native grassland bird habitat. Post-closure care and monitoring continue in accordance with NYSDEC approved plans.

2.2 Site Closure

A *Site Closure Plan* (Ramboll 2020a) was prepared for the site in accordance with Consent Order requirements, and identifies the following closure components for the site, incorporating the IMs and cover demonstrations completed to date:

- Cover system
- Berm stabilization and erosion control
- Leachate management
- Stormwater management
- Closure and post-closure operation, maintenance and monitoring.

Cover systems will be implemented in a phased approach per the Consent Order, with approximately 30 to 50 acres or more of cover system to be constructed each year. The *Site Closure Plan* (Ramboll 2020a) presented a conceptual design for the shrub willow ET cover and also noted that alternate cover systems may be proposed for NYSDEC approval should viable redevelopment opportunities be identified. The Consent Order includes a provision (Appendix E; Section IV Paragraph H) that Honeywell may propose alternate cover systems for NYSDEC review provided the cover system is in compliance with 6 NYCRR Part 360 regulations and does not delay implementation of the site closure program. The purpose of this *Alternate Solar Closure Plan* is to present a conceptual design for an alternate closure approach which facilitates reuse of the site for solar energy production. Use of a grassland ET cover to reduce percolation and stormwater collection will facilitate installation of rows of solar panels (solar arrays) on the grassland ET cover system.

The grassland ET cover system and stormwater collection will be combined with the following closure components described in detail in the *Site Closure Plan* (Ramboll 2020a), *Operation and Maintenance Plan*, and *Performance Verification Plan*: leachate management; berm stabilization and erosion control; and post-closure operation, maintenance and monitoring. Alternate closure components are described in **Section 3**.

3. ALTERNATE SOLAR CLOSURE EVALUATION

3.1 Solar Feasibility Study

Following identification of WB 9-15 as an opportune property for solar development by the New York State Energy Research and Development Agency (NYSERDA) and Honeywell engagement with the Central New York Regional Planning & Development Board, Honeywell contracted with Abundant Solar Power Inc. (Abundant) to conduct a study to evaluate the feasibility of siting solar arrays on WB 9-15. Abundant and its engineer, LaBella Associates, completed the feasibility study in 2020 which included a solar project layout and feasibility and grid interconnection preliminary screening analysis. The Abundant feasibility study concluded that construction of three community solar projects are feasible on WB 9-15.

3.2 Alternate Solar Closure Description

Portions of WB 13 and 14 identified on **Figure 1** were selected for evaluation for an alternate solar closure pilot. Approximately 80 acres would be cleared for cover system installation to facilitate placement of solar arrays on approximately 70 acres, which is the area needed to establish three community solar projects. This portion of the site also offers flexibility to discharge stormwater to Outfall 017 or the site leachate management system as a contingency, as further discussed below.

The alternate solar closure approach evaluated for implementation at WB 13/14 consists of the following components depicted on **Figure 1**:

- Grassland ET cover system - Following clearing and rough grading, native grassland species will be planted on the Solvay waste in the pilot area and maintained following establishment to promote ET and minimize percolation through the Solvay waste.

- Stormwater collection - Surface runoff from the grassland cover system will be captured at low points and conveyed to a common low point on WB 13, where it will be conveyed to Outfall 017. Outfall 017 is permitted under State Pollutant Discharge Elimination System (SPDES) Permit #NY0002275 to receive stormwater runoff from WB 12-15. Outfall 017 discharges to groundwater via a former gravel pit.

- Solar array installation - Solar panels will be installed on top of the grassland ET cover system. Chain link fencing may be installed as needed to restrict access.

- Leachate management - Leachate management facilities are constructed and operating at WB 9-15, as described in detail in the *Site Closure Plan* (Ramboll 2020a). In the vicinity of the WB 13/14 alternate solar pilot area, leachate and seepage are captured and managed via the leachate collection and conveyance system (LCCS) installed in 2002, the Phase2 seep mitigation system on the western berm of WB 14 installed in 2007, and seep aprons installed in 2019 on the western berms of WB 13 and 14. The *Site Closure Plan* (Ramboll 2020a) provides for future enhancements to the leachate management system, if needed to address mitigation of potential future seepage to surface water.

- Berm stabilization and erosion control - Stabilization of the berms to address erosion potential was completed using biotechnical slope protection (*e.g.*, planting native

species), a proven, long-term sustainable solution for erosion control and berm stabilization at WB 9-15. Priority tasks were completed during an IM (OBG 2016). Remaining berm vegetation tasks were completed in 2018-2019 (Ramboll 2020b).

- Post-closure operation, maintenance and monitoring - Operation and maintenance of closure components are discussed in the Wastebeds 9-15 *Operation and Maintenance Plan*. A comprehensive monitoring program to verify the effectiveness of closure components and the vegetation maintenance program are discussed in the Wastebeds 9-15 *Performance Verification Plan*. Additional tasks specific to the alternate solar closure are described in **Section 4**.

3.3 Benefits

The primary benefit of the alternate grassland ET cover is that it facilitates installation of solar arrays on the cover system, allowing the site to be reused for solar energy production. Solar energy production aligns with New York's Climate Leadership and Community Protection Act (CLCPA) which has a goal of producing 100% zero-emission electricity by 2040. To meet this goal, solar deployment needs to increase to 6,000 megawatts by 2025. The proposed solar pilot project would have up to 15 MWac capacity, with a potential capacity of up to 100 MWac if expanded to the full buildable area of the wastebeds. By aligning with the goals of the CLCPA, solar development reduces greenhouse gas emissions and combats climate change while promoting economic development through the advancement of a renewable energy technology. Additionally, development supports beneficial re-use of impaired lands. There are existing solar projects on New York landfills and brownfields, including the Dewitt landfill, which may serve as examples for implementing solar panels on the wastebeds.

A grassland ET cover system provides significant benefits, including the creation of pollinator habitat and provision of nature-based site cover services while having relatively minimal site preparation requirements. Grassland vegetation employs native species to stabilize the wastebed surface with a robust root system and also provides enhanced biodiversity with a range of habitat structure.

The alternate cover system is consistent with state and federal green remediation policies that aim to minimize the environmental footprint of cleanup actions. Because grassland can be grown on Solvay waste, as demonstrated in the Inland Salt Marsh on WB 14 and detailed in the *Inland Salt Marsh IRM Report* which will be submitted under separate cover, and solar panels can be placed on existing grades, implementation of this cover system avoids transport and placement of borrow soils and organic amendment to alter grades or improve organic content thereby conserving borrow soil sites and fossil fuel use associated with material transport. Finally, the alternate cover system is a low maintenance cover system, requiring only periodic mowing to remove woody vegetation or other obstructions of the solar array.

3.4 Regulatory Compliance

The primary goal of the Consent Order is to bring the site and SAA into compliance with regulations, including solid waste regulations and SPDES regulations.

3.4.1 Solid Waste Regulations

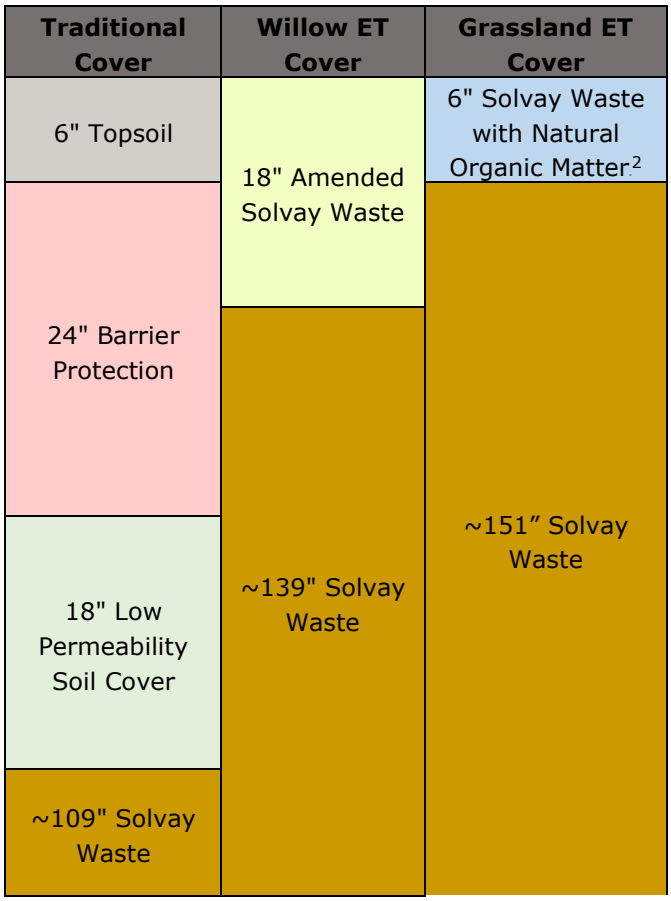
Cover systems are required to meet 6 NYCRR Part 360 solid waste regulations in effect at the time of the 2010 Consent Order. To date, cover installation at the WB 9-15 site has included approximately 88 acres of traditional landfill cover on the SCA and the WB 15 C&D landfill, and approximately 90[1] acres of shrub willow ET cover on WB 14. The shrub willow ET cover was documented to be similarly effective at reducing percolation as a traditional cover and, in conjunction with leachate collection and berm stabilization and erosion control measures, function in the same manner as a traditional landfill cover system while offering sustainability and ecological diversity benefits. Similarly, the potential for percolation through the grassland ET cover system proposed for the alternate solar closure was evaluated in comparison to a traditional solid waste landfill cover system.

Consistent with equivalency evaluations performed for the shrub willow ET cover system documented in the *Shrub Willow PDI Report*, potential percolation through the grassland ET cover system was modeled using the Simultaneous Heat and Water (SHAW) Model. Water budget modeling was conducted using SHAW Version 3.0 for a 38-year simulation period. The grassland ET cover was compared to both a traditional solid waste landfill cover and the shrub willow ET cover as depicted in **Figure 3-1**.

The components of the solid waste landfill cover correspond to the NYS Part 360 requirements when the Consent Order was executed in 2010, and include the following layers:

- 6-inch vegetated topsoil layer
- 24-inch soil barrier protection layer
- 18-inch compacted soil barrier layer with a maximum permeability of 1 x 10^{-5} cm/sec.

Figure 3-1. Modeled Cover Profiles



As discussed in the *Shrub Willow PDI Report*, water budget modeling was conducted using the SHAW model specifically because it has the ability to:

- Model unsaturated flow

[1] Although the shrub willow ET cover was installed on ~113 acres on WB 14, one ~25 acre plot did not establish, and this area is incorporated into the proposed alternate solar closure area.

[2] Note that the 6" of "Solvay Waste with Natural Organic Matter" in the Grassland ET Cover refers to Solvay waste that has naturally accumulated organic matter and has become otherwise weathered by natural processes.

- Provide percolation as a key output parameter
- Model snowmelt as well as soil freeze and thaw cycles
- Provide detailed estimates of plant and soil processes in the model output
- Model a wide cultivar of vegetation types and compositions.

The SHAW model's accuracy in predicting the water balance has been demonstrated by the research of others and is one of the few models recommended by the Interstate Technology and Regulatory Council (ITRC) for modeling natural cover systems (ITRC 2003). Compared with other water budget models, including the Hydrologic Evaluation of Landfill Performance (HELP) model, the SHAW model has an excellent ability to estimate evaporation (E), change in storage (DS), and drainage (D) (Scanlon 2002).

SHAW model inputs include site characteristics, climate data, vegetation growth patterns, and soil parameters, and are summarized in **Appendix 1**. To verify SHAW model predictions, ET measurements from the inland salt marsh on WB 14 were compared with model outputs for the grassland ET cover. The ET measurements collected from 2011 to 2013 in the inland salt marsh provide a valuable data set for grassland SHAW model verification because the plant species envisioned for the grassland are structurally (*e.g.*, height, canopy texture and heterogeneity) and physiologically (*e.g.*, native, warm season grasses) similar to the vegetation growing in the inland salt marsh. As discussed in **Appendix 1**, the grassland model ET matches well with the ET measured with the eddy covariance station at the inland salt marsh and suggests that the SHAW model is conservative in its estimate of ET.

SHAW model output for water balance include daily values (in inches) of the following parameters:

- Precipitation
- ET
- Percolation
- Runoff

SHAW modeling results for the simulated covers are detailed in **Appendix 1**. The following statistics are summarized in **Table 3-1** for the 38-year simulation: median and 25th and 75th percentiles for annual total volumes as percent of annual precipitation.

Table 3-1. Annual Water Budget Results (percent of precipitation)

		Evapotranspiration			**Percolation**			**Runoff**		
Year	Precip (in)	Traditional	Willow	Grassland	Traditional	Willow	Grassland	Traditional	Willow	Grassland
		%	%	%	%	%	%	%	%	%
25th Percentile	35	70	77	73	5	4	5	14	6	8
Median	37	74	84	77	7	6	8	18	9	12
75th Percentile	43	80	88	83	9	10	14	22	14	15

The SHAW model water budget results demonstrate higher ET rates and similar effectiveness at reducing percolation for the grassland ET cover as a traditional solid waste landfill cover.

3.4.2 SPDES Regulations

SPDES Permit #NY0002275 addresses four stormwater discharge outfalls at WB 9-15. The schedule for compliance with SPDES discharge limits for pH, chlorides, and total dissolved solids at these outfalls is linked to completion of closure activities under the Consent Order, as outlined in the *Site Closure Plan* (Ramboll 2020a) and this *Alternate Solar Closure Plan*. As summarized in **Table 3-2**, the site closure elements are intended to reduce migration of Solvay waste constituents to surface water such that stormwater discharges at site outfalls come into compliance with the discharge limits established in SPDES Permit #NY0002275, issued on September 18, 2003 and most recently updated on April 1, 2020.

Table 3-2. Closure Overview

Component	Purpose	Status
Cover systems and associated stormwater management	Reduce percolation through Solvay waste and subsequent leachate migration to surface water and/or groundwater	~90 acres willow ET cover completed (SB 14) ~88 acres landfill cap completed (SB 13/15) Future covers phased over 10 yrs
Berm stabilization	Minimize erosion of Solvay waste to surface water	Completed in 2015 and 2018-2019
Leachate management	Collect leachate to minimize migration to surface water and groundwater	Leachate collection/conveyance and seep mitigation systems installed 2002- 2020; additional enhancements planned
Operation & Maintenance (O&M)	Long-term leachate and stormwater management	Ongoing
Performance Verification (PV)	Monitoring and cover system maintenance activities to confirm effective performance	Ongoing

Further, performance verification activities described in the *Performance Verification Plan* (Ramboll 2020c) are intended to confirm that the closure components are achieving the intended purposes. Monitoring and cover system maintenance activities are performed to confirm continued effective performance. SAA conditions are monitored by water quality monitoring, physical and biological monitoring and restored vegetative area monitoring to verify the Site is not negatively impacting off-site surrounding areas. Monitoring of groundwater elevations, surface leachate, subsurface leachate, and cover system monitoring and maintenance activities are performed to confirm reduction of leachate, effective management of leachate and ultimate attainment of SPDES discharge limits.

Surface runoff from the alternate solar closure area is proposed to be conveyed to Outfall 017, as depicted on **Figure 1**. Outfall 017 is permitted to receive stormwater runoff from Wastebeds 12 through 15 and discharges to groundwater via a former gravel pit. Based on topography, the former gravel pit is estimated to have approximately 47 million gallons of capacity and approximately 20 ft of freeboard. Preliminary stormwater modeling evaluations indicate that sufficient storage capacity is present in the former gravel pit to receive the stormwater runoff from the solar closure area associated with a 25-year 24-hour storm[3]. Detailed stormwater modeling analyses will be presented in a subsequent submittal, the Annual Design/Construction Work Plan.

In the absence of representative sample data to evaluate the projected water quality of surface runoff from the grassland ET cover in the alternate solar closure area, two samples of surface water on the vegetated WB 12 surface (see **Figure 1**) were collected to gauge potential runoff quality. Parameter concentrations for these samples are summarized in **Table 3-3** and are below Outfall 017 SPDES discharge limits. Site conditions are currently being monitored for an opportunity to collect surface runoff samples and further evaluate wastebed runoff water quality.

[3] Honeywell is also evaluating transitioning discharge of the SCA west basin stormwater from the current temporary configuration (pumping from SCA west basin to SCA east basin to Outfall 018) to a permanent discharge to Outfall 017. Preliminary stormwater modeling evaluations indicate that sufficient storage capacity is present in the former gravel pit to accommodate this stormwater flow as well. Detailed stormwater modeling analyses will be presented in the Stormwater Management Plan.

Table 3-3. Stormwater Sample Data Summary

		017 Final Discharge Limit[4]	SB12 Ponded Area 1	SB12 Ponded Area 2
Analyte	**Units**[5]		**4/16/2019**	**4/16/2019**
pH	S.U.	6.5 - 8.5	7.79	7.87
Chlorides, Total	mg/L	500	53.2	20.1
Total Dissolved Solids	mg/L	NC	974	302
Total Suspended Solids	mg/L	50	ND	3.2
Phosphorus, Total	mg/L	NC	0.035	0.029
Mercury	ng/L	200	5.8	3.5
Benzene	µg/L	1	ND	ND
Chlorobenzene	µg/L	5	ND	ND
1,2-Dichlorobenzene	µg/L	3	ND	ND
1,3-Dichlorobenzene	µg/L	3	ND	ND
1,4-Dichlorobenzene	µg/L	3	ND	ND
Dichlorobenzenes, Total	µg/L	NC	ND	ND

As discussed in **Section 4**, should alternate solar closure surface runoff quality cause the Outfall 017 stormwater discharge to not meet SPDES permit limitations, modifications would be made to redirect surface runoff to the Syracuse Metropolitan Wastewater Treatment Plant (Metro) with site leachate.

3.5 Conclusion

Based on the benefits offered, the Part 360 equivalency modeling, and the ability to manage stormwater as leachate should SPDES compliance be unexpectedly impacted, it is concluded that implementation of the alternate solar closure pilot study is warranted for the ~80-acre area on WB 13 and 14 with consideration for expansion to other areas of WB 9-15 if the pilot study is successful. Details regarding the proposed pilot are provided in **Section 4**.

[4] Discharge limits shown for pH, total chlorides and total dissolved solids are final effluent limits effective upon completion of Site Closure Plan implementation and are "monitor only" requirements in the interim.

[5] SU=Standard Units; ND=less than detectable; mg/L=milligrams per liter; ng/L=nanograms per liter; µg/L=micrograms per liter

4. ALTERNATE SOLAR CLOSURE PILOT

Implementation of the alternate solar closure pilot on ~80 acres on WB 13 and 14 is described in the following subsections.

4.1 Objective

The objective of the pilot is to demonstrate effective construction of an alternate solar closure approach that meets Consent Order requirements, which is anticipated to also provide energy, economic, and ecosystem benefits to the community.

4.2 Conceptual Design

The scope of the alternate solar closure pilot includes the following:

- Site preparation
- Surface drainage system installation
- Grassland ET cover installation
- Solar array installation and
- Operation, maintenance, and monitoring.

Conceptual designs for each of these components are described in the following subsections. Final design details will be presented in a subsequent Annual Design/Construction Work Plan.

4.2.1 Site Preparation

Site preparation tasks will include clearing to the ground surface, debris management, rough grading, disking, weed control, and cover crop planting or surface stabilization. With the exception of any areas targeted for non-disturbance[6], the limits of the cover area will be cleared. Cleared trees will be chipped and removed from the Site. Stumps will be ground below the surface. Clearing of vegetation will facilitate rough grading and contribute to the smoothed surface required for planting. Rough grading will be performed as needed to encourage management of surface runoff and reduce the potential for ponding. To support clearing the site of existing vegetation and prepare for establishment of new grassland vegetation, the surface will be disked and sprayed with a NYSDEC-approved herbicide by a licensed pesticide applicator. A cover crop may be planted, or another method of surface stabilization employed, to stabilize the surface until the recommended timeframe for grassland planting.

4.2.2 Stormwater Drainage

A stormwater conveyance system design will be developed to manage and convey stormwater off the site. The basis of the stormwater conveyance system will be to manage runoff from the pilot area[7] for a 24-hour, 25-year storm event. Preliminary evaluations of existing topographic conditions in the solar pilot area indicate that the stormwater runoff flows toward the center of the WB 13 area and to the western edge of the WB 14 area. Stormwater collection features will be designed and constructed to capture stormwater at various low-lying areas on the solar pilot area and convey the captured stormwater via low permeability conveyance features to the

[6] During development of the Annual Design/Construction Work Plan, consideration will be given to maintenance of groups of mature tree stands and incorporation into the grassland ET cover system.

[7] As noted in Section 3, Honeywell is also evaluating transitioning discharge of the SCA west basin stormwater to Outfall 017. Detailed stormwater modeling analyses will be presented in the Stormwater Management Plan.

discharge point, as conceptually depicted in **Figure 1**. Captured stormwater will be discharged to SPDES Outfall 017 which leads to the gravel pit, west of SB 14. The gravel pit is an existing unlined basin located west of Outfall 017. The pit is approximately 6-acres in size and has an available storage volume of approximately 47 million gallons with approximately 20-ft of available freeboard. Currently, in addition to precipitation within the gravel pit itself, the gravel pit receives stormwater drainage from the berms along the western side of SB 13 and SB 14 via a lined swale at the base of the berms. The alternate solar closure pilot would add runoff flow from the pilot area to the gravel pit. As part of design, redirection of the SCA west stormwater basin discharge to Outfall 017 will also be evaluated. Preliminary gravel pit volume evaluations and stormwater modeling indicate that the gravel pit has sufficient storage volume to manage existing flows and anticipated future flows while maintaining sufficient freeboard in accordance with the NYSDEC Stormwater Management Design Manual (NYSDEC 2015). Stormwater modeling and former gravel pit capacity evaluations will be presented in a future Stormwater Management Plan submittal to be included in the Annual Design/Construction Work Plan.

4.2.3 Grassland Vegetation

Prior to planting, the ground surface will be mowed, disced, rolled, and/or sprayed with a NYSDEC-approved herbicide as needed to prepare the area for planting of the grassland vegetation cover. Grassland seeding will be performed during the recommended timeframe for these species. The plant species envisioned for the grassland are structurally (*e.g.*, height, canopy texture, and heterogeneity) and physiologically (*e.g.*, native, warm-season grasses) similar to the grassland varieties included in the Inland Salt Marsh on WB 14 and used in the grassland ET verification model documented in **Appendix 1**.

The alternate solar closure pilot will include variations in surface preparation, stock type, and grassland species to provide data to optimize the grassland ET cover for potential future cover areas. Details regarding the plantings and variations to be evaluated will be presented in the subsequent Annual Design/Construction Work Plan. Evaluation of the various grassland cover variations will consider the long-term viability of the vegetation, the ET capacities of the grassland, and the ability of the vegetation to successfully stabilize Solvay waste, as discussed in **Section 4.4.2** below.

4.2.4 Solar Panel Array

The alternate solar closure pilot will include construction of three community solar pilot arrays at up to 5.0 MWac each on WB 13 and WB 14, as depicted in **Figure 4-1** (Abundant 2020). Site 1, located on the western portion of WB 13 encompasses 21.5 acres[8]; Site 2, located on the northern portion of WB 13, encompasses 19.4 acres[3]; and Site 3, located on WB 14, encompasses 22.4 acres[3]. The panels will be aligned in portrait configuration and angled approximately 26 degrees facing true south, following the contours of the land. The arrays will be a minimum of 3 ft off the ground and top out at approximately 9 ft in height. The 13.5-ft wide rows of solar panels will be spaced 20 ft apart, which exceeds minimum recommended spacing for photovoltaic solar projects per DEC memorandum "Solar Panel Construction Stormwater Permitting/SWPPP Guidance" (NYSDEC 2018). Chain link fencing may be installed as needed to restrict access to the solar arrays.

Figure 4-1. Community Solar Projects

A pre-cast or poured in place concrete ballasted foundation is proposed, additional details will be provided in the Design/Construction Work Plan. Electrical lines and associated infrastructure within the Wastebed footprint will be located above existing grade. Installation details will be provided in the Design/Construction Work Plan under a separate submittal.
Abundant submitted a preliminary screening analysis to National Grid (NG) for the three proposed community solar pilot sites and received promising results. The three community solar projects will proceed through a formal Coordinated Electric System Interconnection Review (CESIR) application and review.

4.3 Implementation

As described in the *Site Closure Plan* (Ramboll 2020a), site cover systems will be implemented in a phased approach per the Consent Order, with approximately 30 to 50 acres or more of cover system construction each year. It is anticipated that the grassland ET cover and stormwater management systems associated with this alternate solar closure pilot would be constructed over the course of one construction season. Since ~80 acres of grassland ET cover system will be installed as part of this pilot, it is proposed that the alternate solar closure pilot satisfy the first two phases of cover system installation under the Consent Order. Monitoring of the alternate

[8] Acreage discussed in Section 4.2.4 is for the solar arrays; full grassland ET cover acreage is 80 acres.

solar pilot will be conducted as described in **Section 4.4**, and monitoring data will inform the selection and design of cover systems for remaining site areas.

4.4 Post-Closure Operation, Maintenance and Monitoring

The approach to post-closure operation, maintenance and monitoring for the alternate solar closure pilot is described in the following subsections. Details will be presented as addenda to the site *Operation and Maintenance Plan* and *Performance Verification Plan*. Monitoring and maintenance shall continue for a minimum of 30 years after closure.

No mechanical systems requiring operation are anticipated to be proposed for the alternate solar closure pilot. The grassland ET cover and stormwater management systems will require minimum maintenance after vegetation establishment. Grassland ET cover maintenance will consist of routine inspections to evaluate the condition and integrity of the grassland ET cover focused primarily on vegetation establishment, coverage, as well as structural and physiological parameters aligned with inputs and outputs of the SHAW model used to evaluate grassland performance. Periodic in-season mowing shall be performed if needed to maintain a vegetation height of less than 3 ft to avoid interference with the solar panels or if critical weed control measures are required. Occasional maintenance outside of the growing season may include mowing of vegetation, spot-weeding and re-seeding when applicable. Maintenance of stormwater collection and conveyance systems will include routine inspections and cleanings as needed. Surface runoff quality will be monitored.

4.5 Contingency Plan

Should monitoring data indicate that alternate solar closure surface runoff quality causes the Outfall 017 stormwater discharge to exceed SPDES permit limitations, modifications will be made to redirect surface runoff to Metro along with site leachate. Potential options include discharge to the leachate collection and conveyance system, which would be covered under an existing Metro permit (Permit #801), or discharge to the SCA water treatment plant discharge pipe, which would require approval of a modification to an existing Metro permit (Permit # 802).

5. REPORTING

The following reporting will be performed during implementation of this *Alternate Solar Closure Plan*.

5.1 Annual Design/Construction Work Plan

The Consent Order requires submittal of the first Annual Design/Construction Work Plan to NYSDEC for the first year of phased closure construction within 30 days after receipt of the NYSDEC's approval of the *Site Closure Plan* (Ramboll 2020a).

Each Annual Design/Construction Work Plan will include details for the following aspects of the construction planned for the following year:

- The areas in which closure construction is to be undertaken, including cover installation, berm stabilization and erosion control measures, leachate management enhancements, if needed, and SAA restoration tasks, as applicable
- The design plans and specifications for the construction tasks
- Stormwater Management Plan
- A schedule for construction; and
- Identification of non-routine maintenance activities that are to be conducted.

5.2 Construction Certification Report

In accordance with Consent Order requirements, Interim Closure Construction Certification Reports (CCRs) will be submitted to NYSDEC by March 1st of each year following closure construction until the Final Closure CCR is approved by the NYSDEC. Interim Closure CCRs will detail Site closure construction activities completed during the previous calendar year. The Annual Interim Closure CCR may be combined with annual reporting described in the *Operation and Maintenance Plan* and *Performance Verification Plan*, and the March quarterly progress report, described below in **Section 5.3**. Annual reporting will include quantitative data to document progress towards compliance with the discharge concentration limits in the SPDES permit.

5.3 Quarterly Progress Reports

In accordance with the Consent Order, quarterly progress reports will be submitted to NYSDEC to describe Consent Order activities performed, analytical data received, deliverables completed and submitted, comments received, work plan modifications, schedule considerations, and personnel changes during the preceding three months. Quarterly progress reports will be submitted to NYSDEC by the 10th day of March, June, September, and December each year until the Final CCR is submitted, or as agreed otherwise by NYSDEC. As noted in **Section 5.2**, the March quarterly progress report may be combined with other annual construction completion, operation and maintenance, and performance verification reporting.

5.4 Annual Performance Verification Reports

The schedule for performance verification and monitoring is detailed in the *Performance Verification Plan*. The schedule for performance verification tasks will be refined, as appropriate, with NYSDEC approval as closure components are implemented, vegetation is established, end uses are established, and performance data are collected and evaluated.

Tables summarizing analytical sample data collected in accordance with the *Performance Verification Plan* will be provided to NYSDEC within 90 days after each sampling event. Evaluation of sample data will be discussed as part of annual reporting described in the *Performance Verification Plan*.

6. SCHEDULE

The alternate solar pilot construction is anticipated to be performed over the course of approximately one year. The subsequent Annual Design/Construction Work Plan submittal will present a schedule for implementation of the construction activities. Implementation of this *Alternate Solar Closure Plan* aligns with the overall closure schedule presented in the Site Closure Plan, which specified that cover and associated stormwater management system construction would be phased over up to 10 years for the full site.

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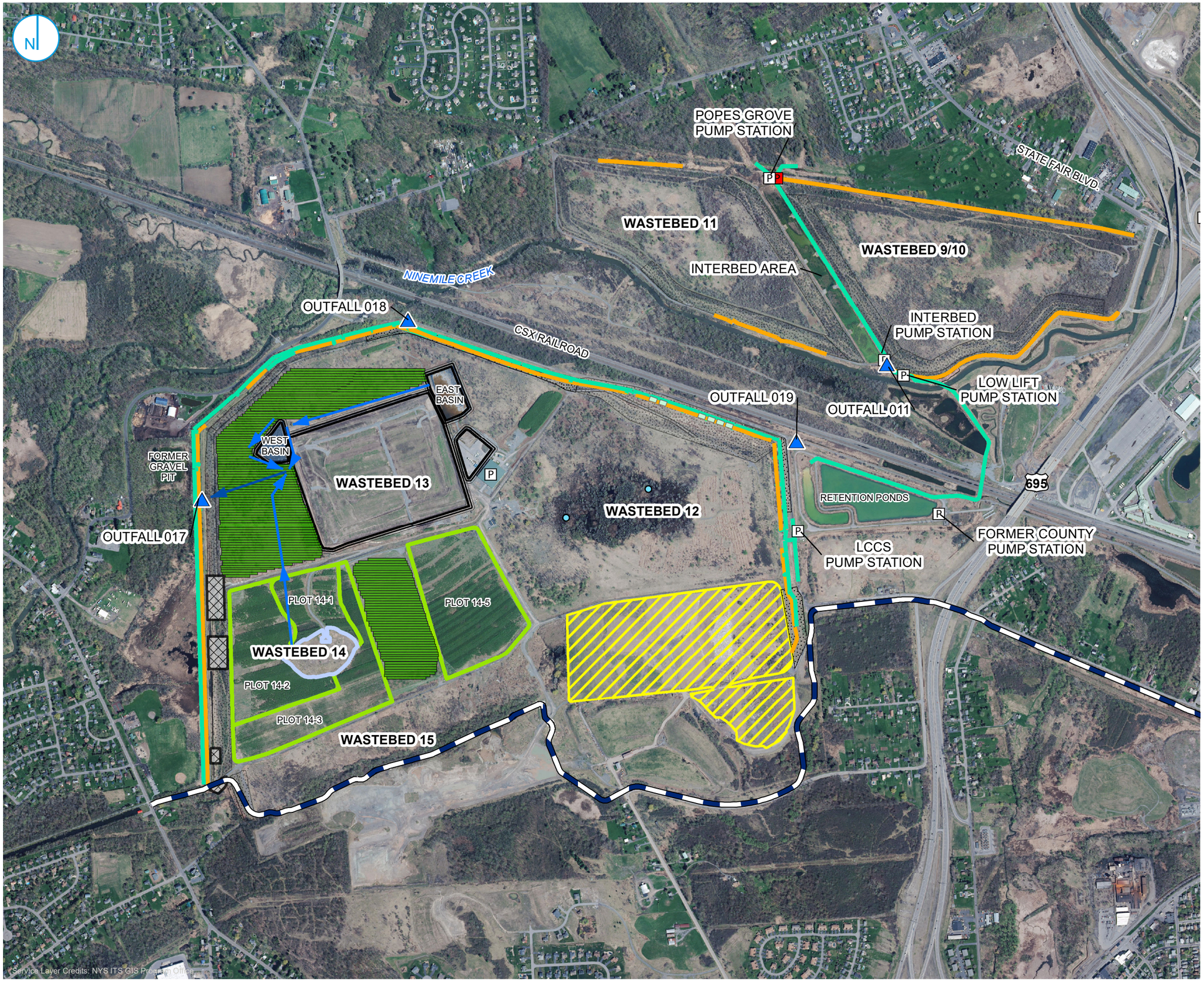
FIGURE



LEGEND

- OUTFALL
- LEACHATE WET WELL
- STORM WATER WET WELL
- PUMP STATION
- WASTEBEDS 9-15 LEACHATE COLLECTION PIPE
- WASTEBEDS 9-15 LEACHATE CONVEYANCE PIPE
- EMPIRE STATE TRAIL / ERIE CANAL TRAIL
- SEEP APRON
- SCA
- BERM STABILIZATION AND EROSION CONTROL
- C&D LANDFILL
- WILLOW PLOTS
- SALT MARSH
- PROPOSED SOLAR PANEL ROWS
- GENERAL STORMWATER CONVEYANCE DIRECTION
- PROPOSED SOLAR PILOT DISCHARGE TO OUTFALL 017
- WASTEBED 12 SURFACE WATER SAMPLES

0 2,000 4,000 Feet

WASTEBEDS 9-15 SITE PLAN

HONEYWELL INTERNATIONAL, INC.
WASTEBEDS 9-15
GEDDES AND CAMILLUS, NY

FIGURE 01

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

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PROJECT: 1163.72386 | DATED: 2/18/2021 | DESIGNER: MCCOMBSI

APPENDIX

APPENDIX 1
WASTEBEDS 9-15 EQUIVALENCY MODELING EVALUATION

Intended for
Honeywell

Document type
Appendix 1

Date
February 2021

WASTEBEDS 9-15 EQUIVALENCY MODELING EVALUATION

RAMBOLL Bright ideas. Sustainable change.

Project name	**Settling Basins 9-15 Alternate Solar Closure**
Project no.	**1163.75018**
Recipient	**Honeywell**
Document type	**Appendix 1**
Version	**2**
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Prepared by	**Elena Araya, Kara Whitehead, Veronica Davies**
Checked by	**Maureen Markert, PE, Anthony Eallonardo, PhD**
Approved by	**Christopher Calkins**
Description	**Summary of SHAW modeling for grassland ET cover**

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EXECUTIVE SUMMARY

This *Equivalency Modeling Evaluation* presents the results of Simultaneous Heat and Water (SHAW) model evaluation of a grassland evapotranspiration (ET) cover system. The SHAW modeling was conducted to evaluate use of an ET cover as a green technology in the final cover system at WB 9-15, using grassland to reduce the amount of water that percolates into the wastebeds and facilitate reuse of the site for solar energy production. The alternate solar closure consists of a grassland ET cover and surface runoff stormwater collection, which will provide the opportunity to install rows of solar panels (solar arrays) on the grassland cover and is proposed for a portion of Wastebeds 13 and 14. This cover system provides multiple advantages relative to a traditional solid waste landfill cover as outlined below.

The ET cover system provides the following benefits and opportunities:

- Elimination of the need to truck and place approximately 3 million cubic yards of borrow soils, conserving borrow sites, topsoil, fossil fuels, and roadways
- Generation of a renewable energy source as an alternative to fossil fuels, in support of New York's recent "Green New Deal", the Climate Leadership and Community Protection Act (CLCPA)
- Consistency with state and federal green remediation policies and strategies that aim to minimize the environmental footprint of cleanup actions
- Enhanced biodiversity and range of habitat structure.

The SHAW model grassland evaluation, combined with previous information and lessons learned related to the Inland Salt Marsh Interim Measure, indicate that:

1. Establishment of a robust ET cover system in the Solvay waste material is both feasible and practical
2. The nature of the Solvay Waste (i.e., its low permeability as a substrate, low nutrient concentrations and alkaline pH) provides a unique opportunity relative to other sites for a grassland ET cover application which reduces percolation and provides native plants an enhanced opportunity to outcompete less desirable species. It is well documented in the ecological literature that native plants are at a competitive advantage in low-nutrient settings, that such areas should be conservation priorities (e.g., Moore et al., 1989) and that such habitats are being lost due to nutrient pollution (e.g., Maskell et al., 2010) and development (Eallonardo and Leopold 2014).

1. INTRODUCTION

An alternate solar closure is proposed for a portion of Wastebeds 13 and 14 (**Figure 1**). The alternate solar closure consists of a grassland evapotranspiration (ET) cover and surface runoff stormwater collection, which will provide the opportunity to install rows of solar panels on the grassland cover. To evaluate equivalency of the grassland ET cover to a traditional Part 360 cover system, water budget modeling was conducted using the Simultaneous Heat and Water (SHAW) Model, which estimated quantities of percolation, ET, and runoff. SHAW Version 3.0 was run for a 38-year simulation period, and the grassland ET cover was compared to a traditional solid waste landfill cover. Traditional cover model results were presented in the *Shrub Willow Sustainable Remedy (SWSR) Pre-Design Investigation (PDI) Report* (Ramboll and SUNY ESF, 2020a), which compared the shrub willow ET cover to the traditional cover. The components of the traditional solid waste landfill cover correspond to the NYS Part 360 requirements when the Consent Order for the site was executed in 2010, and include the following layers:

- 6-inch vegetated topsoil layer
- 24-inch soil barrier protection layer
- 18-inch compacted soil barrier layer with a maximum permeability of 1×10^{-5} cm/sec.

Model results for three cover systems (traditional Part 360, shrub willow ET and grassland ET cover) are presented herein.

Water budget modeling was conducted using the SHAW model specifically because it has the ability to:

- Model unsaturated flow
- Provide percolation as a key output parameter
- Model snowmelt as well as soil freeze and thaw cycles
- Provide detailed estimates of plant and soil processes in the model output
- Model a wide range of vegetation types and compositions.

The SHAW model's accuracy in predicting the water balance has been demonstrated by the research of others and is one of the few models recommended by the Interstate Technology and Regulatory Council (ITRC) for modeling natural cover systems (ITRC 2003). Compared with other water budget models including the Hydrologic Evaluation of Landfill Performance (HELP) model, the SHAW model has an excellent ability to estimate evaporation (E), change in storage (DS), and drainage (D) (Scanlon, 2002).

SHAW model inputs include site characteristics, climate data, vegetation growth patterns, and soil parameters. SHAW model input datasets are summarized in **Section 2**.

2. SHAW MODELING INPUT SUMMARY

The following sections discuss SHAW model input datasets and input values based on considerations of monitoring data, site observations, continued literature review, and expert input (Flerchinger 2015 and 2017). SHAW model inputs include the following data sets:

- Site characteristics (**Section 2.1**)
- Climate (**Section 2.2**)
- Vegetation (**Section 2.3**)
- Soil (**Section 2.4**)
  - Initial moisture and temperature profile (**Section 2.4.1**)
  - Profile depth and physical characteristics (**Section 2.4.2**)

Traditional cover and willow ET cover inputs are consistent with those presented in the *SWSR PDI Report* (Ramboll and SUNY ESF, 2020a), and where applicable, represent actual site measurements. Verification of the model is presented in **Section 3** and results from the model are given in **Section 4**.

2.1 Site Characteristics

Site characteristics are shown in **Table 2-1** below.

Table 2-1. Site and Vegetation Inputs

		Traditional Cover	Willow ET Cover	Grassland ET Cover
Soils	Albedo of Dry Soil	0.18	0.26	0.26
	Ponding Depth for Rain and Snow (cm)	0	0	0
	Lower Boundary for Heat Flow	Model estimated*	Model estimated*	Model estimated*
	Lower Boundary for Water Flow	Unit gradient*	Unit gradient*	Unit gradient*
Site	Latitude	43°12′	43°12′	43°12′
	Slope (%)	4	2	2
	Site Elevation (m)	132.89	132.89	132.89
Vegetation	Canopy Albedo	0.23	0.23	0.23
	Leaf Angle (0/1)	1*	1*	1*
	Transpiration Temp (°C)	5	5	5
	Minimum Stomatal Resistance (sec/m)	100	150	125
	Stomatal Resistance Exponent	5*	5*	5*
	Critical Leaf Water Potential (m)	-200	-100*	-100*
	Leaf Resistance (m^3-sec/kg)	1.00E+05*	1.00E+05*	1.00E+05*
	Root Resistance (m^3-sec/kg)	2.00E+05*	2.00E+05*	2.00E+05*

An asterisk indicates parameters that are based on conservative values presented in the SHAW User Manual. Input values for soil and canopy albedo and minimal stomatal resistance are within

typical ranges offered by the SHAW User Manual (Flerchinger 2000) and are site and/or vegetation dependent. Albedo is the reflectance of solar energy from the earth's surface (<1) and can ultimately impact the evaporation of water from the surface; albedo inputs were recommended by expert input (Flerchinger 2015 and 2017). Stomatal resistance controls water vapor release via leaf stomates and can influence ET rates. Typical stomatal resistance values for grasslands species are around 100 s/m; however, a conservative value of 125 s/m (i.e., higher resistance to water vapor release via the stomates) was used to account for the vegetative stresses associated with growth on Solvay waste-based soils.

2.2 Climate Data

Weather inputs consisted of daily climate data from the NOAA National Weather Service station KSYR located at the Syracuse Hancock International Airport. Model inputs include daily minimum and maximum air temperature, dew point, precipitation, and wind run. Climate data from the KSYR meteorological station in the winter is likely conservative due to more lake effect snow at this location than on WB14. Weather conditions over the 38-year model time period are summarized in **Table 2-2**.

Table 2-2. Average Weather Conditions by Month

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Max. Air Temperature (°C)	-0.4	1.0	6.4	13.8	20.7	25.1	27.7	26.6	22.2	15.5	9.3	2.6
Min. Air Temperature (°C)	-9.0	-8.1	-3.5	2.6	8.4	13.4	16.2	15.4	11.1	5.4	0.7	-5.3
Dewpoint (°C)	-8.6	-8.0	-4.2	0.9	7.8	13.3	15.9	15.7	12.0	5.6	0.4	-5.2
Wind Run (mi)	243	235	238	229	195	181	172	159	174	192	221	233

Precipitation over the 38-year time period is summarized in **Table 2-3**. The first two years of the model simulation (1975 and 1976) included three of the maximum precipitation months in June, July, and August. In addition, the second highest total precipitation for the months of April and May was also in 1976.

Table 2-3. Total Precipitation by Month (inches)

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Minimum	1.1	0.6	1.0	0.9	0.6	1.0	1.8	1.0	1.2	0.7	1.3	1.4
Average	2.6	2.1	3.0	3.4	3.2	3.4	3.8	3.7	3.9	3.5	3.4	3.3
Maximum	5.8	4.9	5.4	8.5	7.8	7.4	10.1	6.7	8.8	6.7	5.8	7.7

The 38-yr model timeframe also includes the following notable weather events:

- Significantly above average annual precipitation (greater than 45 inches) in 1976, 1990, 2006 and 2011
- Significantly above average seasonal snowfall (greater than 170 inches) during the winters of 1991 through 1994, 1995-1996, 2000-2001, and 2010-2011

- Storm events greater than a 2-year 24-hour duration storm in August 1990 and October 1995 as well as in August 2005 as a result of Hurricane Katrina
- A storm event greater than a 5-year 24-hour duration storm in November 1996
- Storm events greater than a 10-year 24-hour duration storm in July 2006 and August 2010.

2.3 Vegetation

The traditional, willow ET, and grassland ET growth files are summarized in **Table 2-4**.

Table 2-4. SHAW Model for Vegetation Growth Parameters

	Traditional Cover	Willow ET Cover	Grassland ET Cover
Peak Height (m)	0.5	6.2	0.91
Peak Biomass (kg/m³)	1.0	3.9	1.2
Peak LAI	3	5	3
Leaf Dimension (cm)	0.5	3.3	0.72
Maximum Rooting Depth (m)	0.4	0.4	0.4

Grassland growth model inputs were identified in *Inland Salt Marsh Ecology and the Restoration of Rare Plant Communities on a Solvay Waste Site* (Eallonardo, 2010). The vegetation studied in this document have similar structural and physiological characteristics to those envisioned for the grassland vegetation between the solar panels and provide empirical, on-site observations of native plant growth on site (rather than extrapolating literature values from another site). The leaf dimension, dry biomass, LAI and rooting depth listed in **Table 2-5** are based on observations reported in Eallonardo, 2010; plant height is based on the assumption that a combination of plant species selection and annual mowing would maintain vegetation at or below a height of 0.91 m in order to avoid shading of the solar panels. In situations (e.g., dry biomass) where a range of values were reported in Eallonardo 2010, a mid-range number was selected to be conservative. Values in the growth table (**Table 2-5**) repeat due to mowing to reduce woody vegetation, resulting in 0 m at the end of each year, and the maximum height, 0.91 m, before mowing. The rooting depth increases after the first year from 0.25 m to 0.4 m, which is the maximum depth.

As discussed in the *SWSR PDI Report* (Ramboll and SUNY ESF, 2020a), the willow cover assumes a newly planted stand at time zero (0) and a 3-year harvest cycle, in order to best represent most likely future conditions. The traditional cover growth file reflects annual mowing, where vegetation height, leaf area index (LAI), and biomass return to 0 at the end of each year.

Table 2-5. Grassland Cover Growth File

Day	Year	Height (m)	Leaf Dimension (cm)	Dry Biomass (kg/m²)	LAI	Rooting Depth (m)
91	1975	0.5	0.72	0.25	1.0	0.25
180	1975	0.5	0.72	0.5	2.0	0.25
210	1975	0.91	0.72	1.2	3.0	0.25
240	1975	0.91	0.72	1.2	2.0	0.25

270	1975	0.0	0.0	0.0	0.0	0.25
305	1976	0.5	0.72	0.25	1.0	0.4
91	1976	0.5	0.72	0.5	2.0	0.4
120	1976	0.91	0.72	1.2	3.0	0.4
150	1976	0.91	0.72	1.2	2.0	0.4
180	1976	0.0	0.0	0.0	0.0	0.4
Annual cycle repeats until end of simulation.						

Traditional cover and willow cover growth characteristics were presented in the *SWSR PDI Report* (Ramboll and SUNY ESF, 2020a).

2.4 Soil

2.4.1 Soil Moisture and Temperature Profiles

Initial soil temperature and moisture inputs for the traditional, willow ET and grassland ET cover are shown in **Table 2-6**. Temperatures for the presented results increase with depth to reflect the simulation beginning in January.

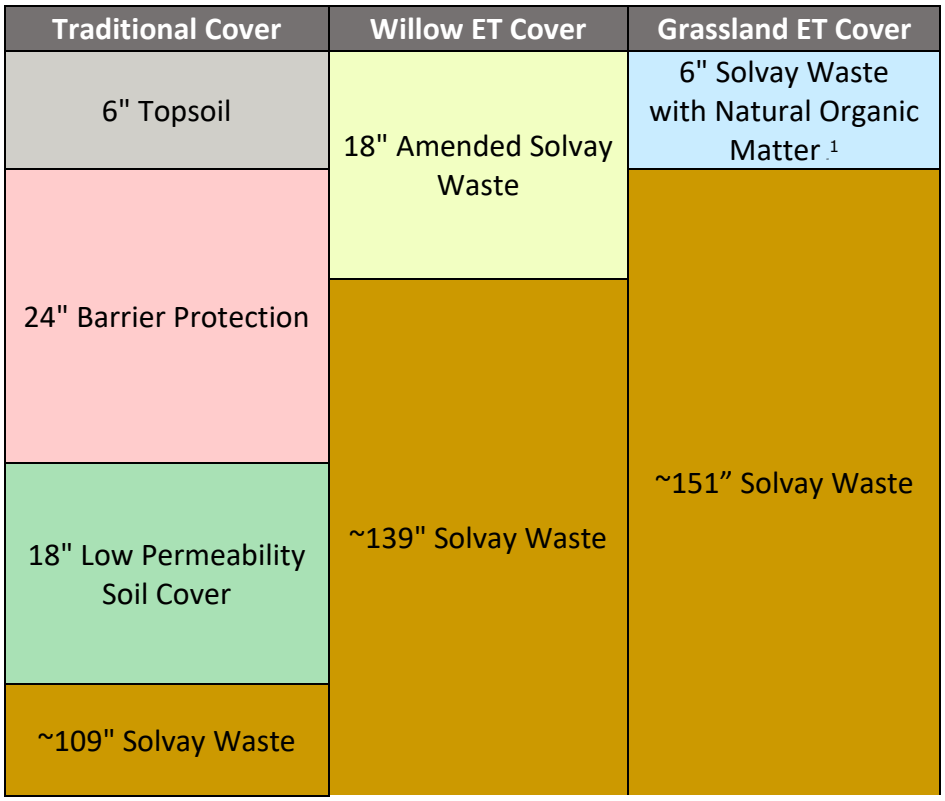
Table 2-6. Soil Temperature and Moisture Profile

	Temperature (°C)	**Moisture Content (m^3/m^3)**		
Depth of Node (m)	**Current**	**Traditional Cover**	**Willow ET Cover**	**Grassland ET Cover**
0.0	0	0.435	0.776	0.502
0.15	1	0.435	0.776	0.502
0.30	2	0.46	0.776	0.391
0.45	3	0.46	0.776	0.391
0.60	4	0.46	0.391	0.391
0.75	5.5	0.46	0.391	0.391
0.90	6.6	0.511	0.391	0.391
1.05	7.7	0.511	0.391	0.391
1.20	8.8	0.511	0.391	0.391
1.35	9.9	0.391	0.391	0.391
1.50	11	0.391	0.391	0.391
2.0	11.3	0.391	0.391	0.391
2.5	11.7	0.391	0.391	0.391
3.0	12.3	0.391	0.391	0.391
3.5	12.7	0.391	0.391	0.391
4.0	13	0.391	0.391	0.391

2.4.2 Profile Depth and Physical Characteristics

Modeled soil profiles for the traditional, willow ET and grassland ET covers can be seen in **Figure 2-1**. The traditional cover was modeled from top to bottom as 6 inches (0.15m) of topsoil, 24 inches (0.60m) of barrier protection, 18 inches (0.45m) of low permeability soil (saturated hydraulic conductivity of 1.0 x 10^{-7} cm/s), and Solvay waste to a total depth of 157 inches (4.0m). The willow ET cover soil profile was modeled as 18 inches (0.45m) amended Solvay waste underlain by Solvay waste to a total depth of 157 inches (4m). The grassland ET cover soil profile was modeled as 6 inches (0.15 m) of Solvay Waste with naturally-present organic matter, with the remainder of the soil profile as Solvay waste for a total depth of 157 inches (4m).

Figure 2-1. Modeled Soil Profiles for the Traditional, Willow and Grassland ET Covers



(drawing not to scale)

Soil characteristics required by the SHAW model include physical properties (texture, organic matter content and bulk density) and water release curve parameters (saturated water content, saturated hydraulic conductivity, Campbell's pore size distribution index, and air-entry potential). These characteristics indicate soil behavior relating to water storage and movement within a soil profile and may be quantified by physical measurement of soil samples or from regression analysis using soil water characteristic curves.

[1] Note that the 6" of "Solvay Waste with Natural Organic Matter" in the Grassland ET Cover refers to Solvay waste that has naturally accumulated organic matter and has become otherwise weathered by natural processes.

Soil parameters in the input file for the willow ET cover were assumed based on predicted soil textures from the Cornell Soil Health Assessment [presented in **Appendix C** of *SWSR PDI Report* (OBG, Part of Ramboll, 2019a)] using the empirical method of Saxton & Rawls in combination with the Campbell's equation (Saxton & Rawls 2006). Soil parameters for the grassland ET cover were consistent with those for the willow ET cover, with the exception of the upper 15 cm, which assumed a lower organic content and subsequent different physical parameters. Soil parameters for the traditional cover were estimated using typical soil textures for a loam, loamy sand, and clay soil representing the topsoil, barrier protection, and low permeability soil layers, respectively. Based on the method of Saxton & Rawls (2006), grain size percentages were used to estimate the hydraulic soil parameters, with the exception of saturated hydraulic conductivity for the low permeability soil in the traditional cover, which was set at 1.0×10^{-7} cm/s to meet regulations.

The soil parameters for the modeled soil layers shown in Figure 2-1 are presented in **Table 2-7**.

Table 2-7. SHAW Model Soil Parameters

	Solvay Waste	Solvay Waste with Natural Organic Matter	Amended Solvay Waste	Topsoil	Barrier Protection	Low Permeability Soil Cover
Organic Matter (%)	0	3	11	1.9	1.9	1.9
Sand (%)	15	15	34	50	85	25
Silt (%)	71	71	56	30	14	15
Clay (%)	14	14	10	20	1	60
Bulk Density (kg/m^3)	1615	1321	594	1498	1431	1295
Saturated Water Content (m^3/m^3)	0.391	0.502	0.776	0.435	0.46	0.511
Saturated Hydraulic Conductivity (cm/hr)	0.14	0.187	15.11	1.54	15.03	0.00036
Air-Entry Potential (m)	-1.188	-0.702	-0.4	-0.134	-0.026	-0.883
Pore Size Distribution Index	3.32	3.49	6.2	5.95	2.77	13.81

3. MODEL VERIFICATION

Verification of model outputs with empirical data is important to ensure that the model is appropriately characterizing environmental conditions. For this application, verification of model ET was performed due to the critical role this process plays in the overall closure strategy. The ET measurements collected from 2011 to 2013 in the inland salt marsh (OBG, Part of Ramboll, 2019b) provide a valuable data set for grassland model verification because the plant species envisioned for the grassland are structurally (e.g., height, canopy texture and heterogeneity) and physiologically (e.g., native, warm season grasses) similar than the vegetation growing in the inland salt marsh.

In order to perform the SHAW model ET verification, monthly means of SHAW-predicted evapotranspiration were aligned with monthly means of field measurements from the WB14 inland salt marsh (OBG, Part of Ramboll, 2019b).

Figure 3-1 demonstrates that the grassland model ET matches well with the ET measured with the eddy covariance station at the inland salt marsh. Situations where the data points fall off from the 1:1 reference line are such that the SHAW model is underpredicting ET (e.g., August) which suggests that the SHAW model is conservative in its estimate of ET.

Figure 3-1. SHAW Transpiration Verification Plot

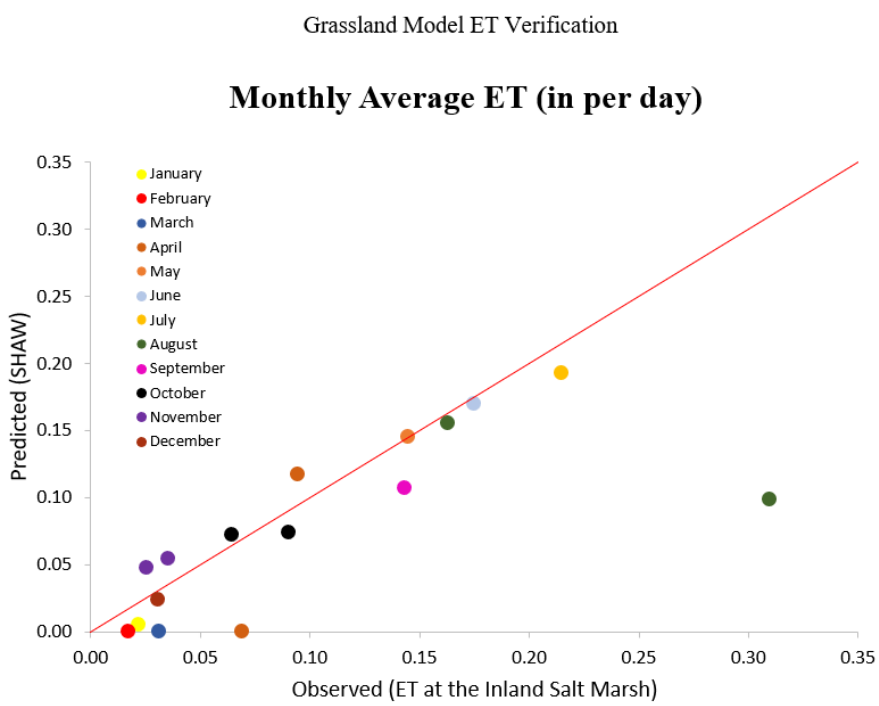


Figure 3-1: The monthly averages are from 2011 to 2013, i.e., duration of the inland salt marsh eddy covariance study. Monthly means of SHAW predicted transpiration (mm/day) compared with observed transpiration data (mm/day). A theoretical line for a perfect concordance between observed and predicted values (i.e. a 1:1 line) is plotted in red.

4. WATER BUDGET RESULTS

The SHAW model results are presented for the traditional, willow ET, and grassland ET covers from 1975 to 2012. Model output for water balance include daily values (in inches) of the following parameters:

- Precipitation
- Evapotranspiration
- Deep percolation
- Runoff

Annual and average SHAW modeling results for the simulated covers are summarized in attached **Table 1**. **Table 4-1** presents a summary of the results in terms of percent of precipitation. Raw model output is presented in **Appendix 1A** for the grassland cover. Raw model output for the willow ET cover and the traditional cover were presented in the *SWSR PDI Report* (OBG, Part of Ramboll, 2019a).

Table 4-1. Annual Water Budget Results (percent of precipitation)

Year	Precip (in)	Evapotranspiration			Percolation			Runoff		
		Traditional	Willow	Grassland	Traditional	Willow	Grassland	Traditional	Willow	Grassland
		%	%	%	%	%	%	%	%	%
1975	51.9	69.1	63.1	64.9	38.9	68.9	53.2	21.0	7.7	14.3
1976	58.2	66.2	64.2	58.7	12.8	36.1	38.1	22.0	4.7	5.9
1977	44.6	72.4	76.1	75.3	13.2	12.9	13.6	17.2	11.7	8.7
1978	35.1	84.2	85.8	81.5	15.7	18.6	34.0	19.8	15.0	4.1
1979	38.5	76.0	83.2	78.9	8.9	8.6	15.3	21.8	9.8	7.5
1980	32.1	80.1	90.6	87.4	7.3	6.1	6.7	17.5	5.5	14.4
1981	35.2	70.5	79.1	73.0	4.4	2.8	3.0	12.7	7.5	8.5
1982	35.1	85.6	89.5	89.9	7.4	8.2	17.3	17.8	10.9	7.4
1983	36.3	71.7	78.5	76.1	7.1	7.5	6.6	16.4	6.4	10.2
1984	38.0	79.3	84.0	78.5	7.4	5.2	9.3	12.5	15.6	8.2
1985	32.5	76.5	86.1	88.0	8.7	5.0	9.6	16.9	10.6	12.1
1986	42.9	70.3	78.2	72.2	5.3	3.5	3.5	28.1	10.3	18.5
1987	33.7	75.8	88.2	83.4	6.0	7.9	8.8	17.3	12.3	12.1
1988	34.4	85.5	93.0	89.8	6.2	5.2	6.5	14.4	8.1	12.1
1989	36.9	75.0	83.6	75.8	4.8	3.5	4.2	12.9	5.6	11.5
1990	49.5	66.8	73.1	69.0	5.6	6.0	7.6	24.6	16.2	17.7
1991	37.1	84.1	91.8	88.0	11.2	9.0	14.3	17.6	12.5	11.9
1992	43.6	73.0	79.7	68.8	5.1	3.6	4.7	22.4	15.7	22.9
1993	43.4	67.0	76.7	72.9	4.1	5.3	7.7	26.6	15.1	22.1
1994	36.6	70.7	81.7	78.0	6.0	9.8	16.1	27.5	15.4	7.1
1995	31.3	69.0	76.8	75.7	5.4	3.8	5.8	16.0	8.2	12.6
1996	39.4	70.3	78.5	73.1	5.3	4.2	5.9	22.8	13.9	19.9

Year	Precip (in)	Evapotranspiration			Percolation			Runoff		
		Traditional	Willow	Grassland	Traditional	Willow	Grassland	Traditional	Willow	Grassland
1997	32.6	77.2	88.2	78.4	9.7	10.1	8.1	17.7	6.4	16.6
1998	37.1	82.6	93.8	89.5	7.6	13.2	14.2	22.3	8.6	9.9
1999	30.9	68.6	84.9	79.6	6.0	5.5	5.8	25.5	5.0	11.5
2000	37.0	80.6	86.1	79.7	3.3	3.6	4.7	14.8	8.6	12.9
2001	34.3	73.2	85.2	86.3	3.4	2.9	4.2	25.4	15.7	15.2
2002	40.3	77.5	83.5	76.9	2.8	3.3	4.2	14.1	6.6	10.0
2003	34.2	83.2	90.6	86.3	6.1	5.4	7.2	16.5	12.2	17.0
2004	42.4	80.5	89.1	79.5	4.4	3.0	4.9	8.3	1.7	4.3
2005	39.0	71.5	78.6	70.7	7.4	5.0	8.8	13.2	7.2	13.3
2006	45.9	79.6	86.7	76.8	9.2	7.4	14.1	9.1	5.3	8.0
2007	39.5	67.9	70.6	70.0	13.3	13.0	21.6	19.3	15.1	13.0
2008	39.9	71.0	76.8	73.6	10.9	8.1	9.7	33.6	27.5	26.7
2009	34.7	81.5	89.9	82.9	7.1	4.1	4.9	12.0	8.5	17.8
2010	46.5	70.7	75.5	72.1	3.4	1.9	3.4	9.3	5.9	2.9
2011	51.1	68.5	72.0	63.6	6.6	33.5	42.5	31.3	0.5	1.2
2012	34.7	76.8	85.2	83.3	13.4	10.8	18.6	14.1	6.1	3.9
25th Percentile	**35**	**70**	**77**	**73**	**5**	**4**	**5**	**14**	**6**	**8**
Median	**37**	**74**	**84**	**77**	**7**	**6**	**8**	**18**	**9**	**12**
75th Percentile	**43**	**80**	**88**	**83**	**9**	**10**	**14**	**22**	**14**	**15**

During simulation years, the site received a median of 37 inches of annual rainfall with a maximum of 58 inches in 1976 and minimum of 31 inches in 1999. Modeled percolation was highest in 1975 during which time 69%, 53% and 39% of precipitation percolated through the willow ET, grassland ET and traditional covers, respectively. This large flux of water through the soil profile can be attributed to model equilibration in the initial year.

Stand establishment of the willow ET cover coincided with the two highest years of precipitation in 1975 and 1976. Evapotranspiration was only below 70% of precipitation for the grassland ET cover during the first two growing seasons (1975-1976) when the newly planted willow stand was establishing canopy cover and a root system, and during 1990 and 2011, which were years with atypically high precipitation.

There was a higher percentage of runoff on the traditional cover than the willow and grassland cover, which attributed to greater slope of this system and to lower ET and percolation rates than the willow and grassland system.

To depict seasonal modeled grassland ET, willow ET and traditional cover results, the SHAW results were used to statistically evaluate the seasonal ET, percolation, and runoff. The seasonal evaluation of SHAW data for the grassland ET cover is provided in **Appendix 1B**. Seasonal evaluations of the willow ET and traditional covers were presented in the *SWSR PDI Report* (OBG, Part of Ramboll, 2019a). The seasonal timeframes are as follows:

- Fall: September 22 – December 20
- Winter: December 21 – March 19
- Spring: March 20 – June 20
- Summer: June 21 – September 21

Monthly totals were plotted for major water budget components in **Appendix 1C.**

5. CONCLUSIONS

The following conclusions were drawn based on the SHAW model evaluation:

- The SHAW model water budget results demonstrate higher ET rates and similar effectiveness at reducing percolation for the grassland cover as a traditional solid waste landfill cover.
- The SHAW model verification indicates that the grassland model ET matches well with the ET measured at the inland salt marsh and further suggests that the SHAW model is conservative in its estimate of ET. This verification supports ongoing use of the SHAW model as a design and planning tool and supports use of the grassland ET cover to facilitate solar development.

Overall, the findings of the equivalency modeling evaluation indicate that the native grassland can be successfully established at the site, is similarly effective at reducing percolation as a traditional solid waste landfill cover and would function as effectively as a traditional landfill cover system.

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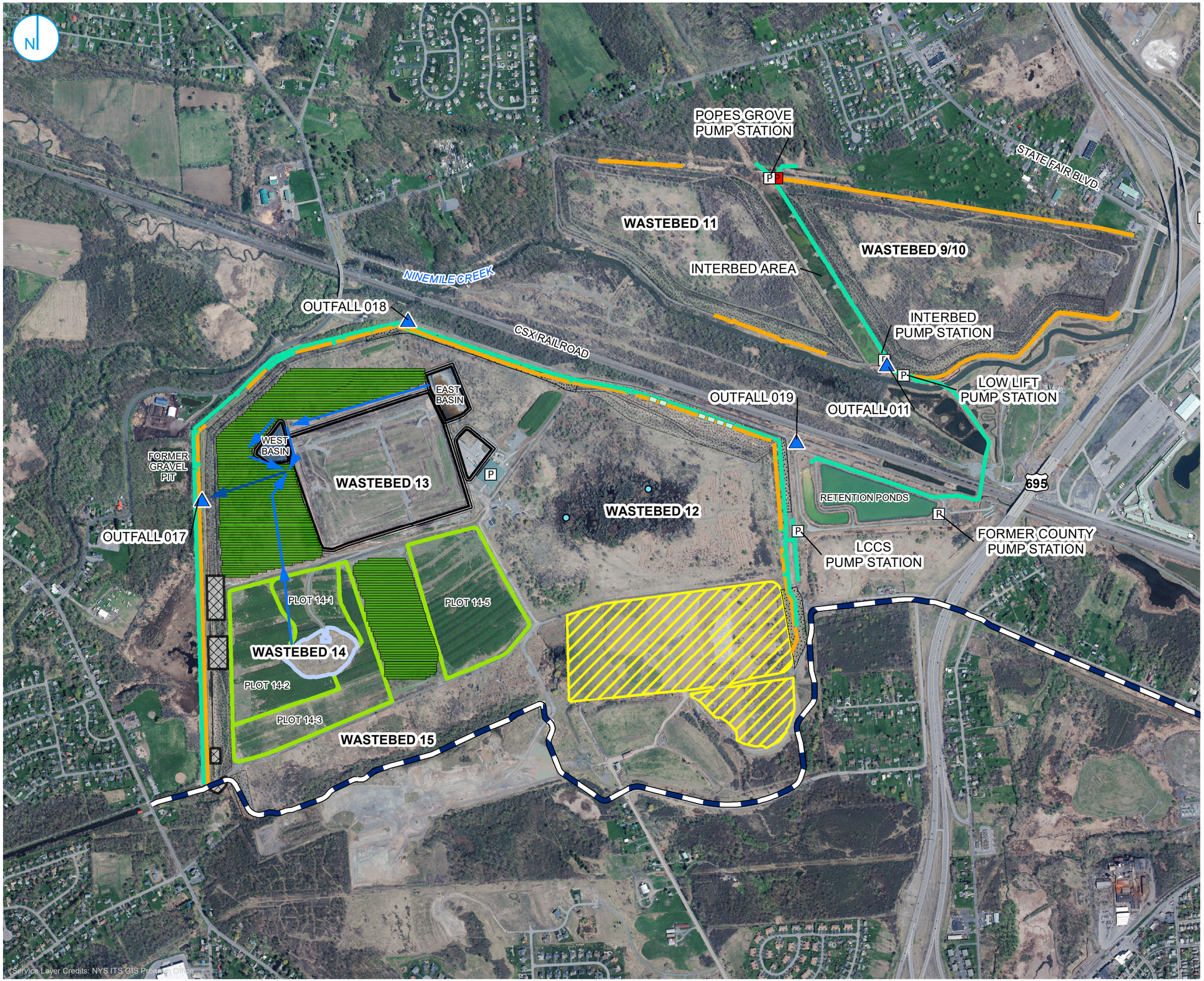
TABLE

Table 1. ***Annual Water Budget Results***

Year	Precip (in)	Evapotranspiration						Percolation						Runoff					
		Traditional		Willow		Grassland		Traditional		Willow		Grassland		Traditional		Willow		Grassland	
		in	%	in	%	in	%	in	%	in	%	in	%	in	%	in	%	in	%
1975	51.9	35.9	69.1	32.7	63.1	33.7	64.9	20.2	38.9	35.7	68.9	27.6	53.2	10.9	21.0	4.0	7.7	7.4	14.3
1976	58.2	38.5	66.2	37.3	64.2	34.1	58.7	7.5	12.8	21.0	36.1	22.2	38.1	12.8	22.0	2.7	4.7	3.4	5.9
1977	44.6	32.3	72.4	34.0	76.1	33.6	75.3	5.9	13.2	5.8	12.9	6.1	13.6	7.7	17.2	5.2	11.7	3.9	8.7
1978	35.1	29.5	84.2	30.1	85.8	28.6	81.5	5.5	15.7	6.5	18.6	11.9	34.0	7.0	19.8	5.3	15.0	1.4	4.1
1979	38.5	29.3	76.0	32.1	83.2	30.4	78.9	3.4	8.9	3.3	8.6	5.9	15.3	8.4	21.8	3.8	9.8	2.9	7.5
1980	32.1	25.7	80.1	29.1	90.6	28.0	87.4	2.3	7.3	1.9	6.1	2.1	6.7	5.6	17.5	1.8	5.5	4.6	14.4
1981	35.2	24.8	70.5	27.8	79.1	25.7	73.0	1.6	4.4	1.0	2.8	1.0	3.0	4.5	12.7	2.6	7.5	3.0	8.5
1982	35.1	30.1	85.6	31.5	89.5	31.6	89.9	2.6	7.4	2.9	8.2	6.1	17.3	6.3	17.8	3.8	10.9	2.6	7.4
1983	36.3	26.0	71.7	28.5	78.5	27.7	76.1	2.6	7.1	2.7	7.5	2.4	6.6	5.9	16.4	2.3	6.4	3.7	10.2
1984	38.0	30.1	79.3	31.9	84.0	29.8	78.5	2.8	7.4	2.0	5.2	3.5	9.3	4.8	12.5	5.9	15.6	3.1	8.2
1985	32.5	24.8	76.5	28.0	86.1	28.6	88.0	2.8	8.7	1.6	5.0	3.1	9.6	5.5	16.9	3.4	10.6	3.9	12.1
1986	42.9	30.2	70.3	33.5	78.2	31.0	72.2	2.3	5.3	1.5	3.5	1.5	3.5	12.0	28.1	4.4	10.3	8.0	18.5
1987	33.7	25.5	75.8	29.7	88.2	28.1	83.4	2.0	6.0	2.7	7.9	3.0	8.8	5.8	17.3	4.1	12.3	4.1	12.1
1988	34.4	29.5	85.5	32.0	93.0	30.9	89.8	2.1	6.2	1.8	5.2	2.3	6.5	5.0	14.4	2.8	8.1	4.2	12.1
1989	36.9	27.7	75.0	30.9	83.6	28.0	75.8	1.8	4.8	1.3	3.5	1.6	4.2	4.8	12.9	2.1	5.6	4.3	11.5
1990	49.5	33.1	66.8	36.2	73.1	34.1	69.0	2.8	5.6	3.0	6.0	3.7	7.6	12.2	24.6	8.0	16.2	8.7	17.7
1991	37.1	31.2	84.1	34.0	91.8	32.6	88.0	4.1	11.2	3.3	9.0	5.3	14.3	6.5	17.6	4.6	12.5	4.4	11.9
1992	43.6	31.8	73.0	34.8	79.7	30.0	68.8	2.2	5.1	1.6	3.6	2.1	4.7	9.8	22.4	6.8	15.7	10.0	22.9
1993	43.4	29.1	67.0	33.3	76.7	31.6	72.9	1.8	4.1	2.3	5.3	3.4	7.7	11.5	26.6	6.5	15.1	9.6	22.1
1994	36.6	25.9	70.7	29.9	81.7	28.6	78.0	2.2	6.0	3.6	9.8	5.9	16.1	10.1	27.5	5.6	15.4	2.6	7.1
1995	31.3	21.6	69.0	24.1	76.8	23.7	75.7	1.7	5.4	1.2	3.8	1.8	5.8	5.0	16.0	2.6	8.2	3.9	12.6
1996	39.4	27.7	70.3	30.9	78.5	28.8	73.1	2.1	5.3	1.6	4.2	2.3	5.9	9.0	22.8	5.5	13.9	7.8	19.9
1997	32.6	25.2	77.2	28.8	88.2	25.6	78.4	3.2	9.7	3.3	10.1	2.7	8.1	5.8	17.7	2.1	6.4	5.4	16.6
1998	37.1	30.6	82.6	34.8	93.8	33.2	89.5	2.8	7.6	4.9	13.2	5.3	14.2	8.3	22.3	3.2	8.6	3.7	9.9
1999	30.9	21.2	68.6	26.2	84.9	24.6	79.6	1.8	6.0	1.7	5.5	1.8	5.8	7.9	25.5	1.5	5.0	3.6	11.5
2000	37.0	29.8	80.6	31.8	86.1	29.5	79.7	1.2	3.3	1.3	3.6	1.8	4.7	5.5	14.8	3.2	8.6	4.8	12.9
2001	34.3	25.1	73.2	29.2	85.2	29.6	86.3	1.2	3.4	1.0	2.9	1.4	4.2	8.7	25.4	5.4	15.7	5.2	15.2
2002	40.3	31.2	77.5	33.6	83.5	30.9	76.9	1.1	2.8	1.3	3.3	1.7	4.2	5.7	14.1	2.6	6.6	4.0	10.0
2003	34.2	28.4	83.2	31.0	90.6	29.5	86.3	2.1	6.1	1.8	5.4	2.4	7.2	5.6	16.5	4.2	12.2	5.8	17.0
2004	42.4	34.1	80.5	37.8	89.1	33.7	79.5	1.9	4.4	1.3	3.0	2.1	4.9	3.5	8.3	0.7	1.7	1.8	4.3
2005	39.0	27.9	71.5	30.7	78.6	27.6	70.7	2.9	7.4	2.0	5.0	3.4	8.8	5.2	13.2	2.8	7.2	5.2	13.3
2006	45.9	36.5	79.6	39.8	86.7	35.2	76.8	4.2	9.2	3.4	7.4	6.4	14.1	4.2	9.1	2.4	5.3	3.7	8.0
2007	39.5	26.8	67.9	27.9	70.6	27.6	70.0	5.3	13.3	5.1	13.0	8.5	21.6	7.6	19.3	6.0	15.1	5.1	13.0
2008	39.9	28.3	71.0	30.6	76.8	29.3	73.6	4.4	10.9	3.2	8.1	3.9	9.7	13.4	33.6	11.0	27.5	10.6	26.7
2009	34.7	28.3	81.5	31.2	89.9	28.7	82.9	2.4	7.1	1.4	4.1	1.7	4.9	4.1	12.0	2.9	8.5	6.2	17.8
2010	46.5	32.9	70.7	35.1	75.5	33.5	72.1	1.6	3.4	0.9	1.9	1.6	3.4	4.3	9.3	2.7	5.9	1.3	2.9
2011	51.1	35.0	68.5	36.8	72.0	32.5	63.6	3.4	6.6	17.1	33.5	21.7	42.5	16.0	31.3	0.3	0.5	0.6	1.2
2012	34.7	26.6	76.8	29.6	85.2	28.9	83.3	4.7	13.4	3.7	10.8	6.4	18.6	4.9	14.1	2.1	6.1	1.4	3.9
25th Percentile	**35**	**26**	**70**	**30**	**77**	**28**	**73**	**2**	**5**	**2**	**4**	**2**	**5**	**5**	**14**	**3**	**6**	**3**	**8**
Median	**37**	**29**	**74**	**31**	**84**	**30**	**77**	**3**	**7**	**2**	**6**	**3**	**8**	**6**	**18**	**3**	**9**	**4**	**12**
75th Percentile	**43**	**31**	**80**	**34**	**88**	**32**	**83**	**3**	**9**	**3**	**10**	**6**	**14**	**9**	**22**	**5**	**14**	**5**	**15**

FIGURE



LEGEND

- OUTFALL
- LEACHATE WET WELL
- STORM WATER WET WELL
- PUMP STATION
- WASTEBEDS 9-15 LEACHATE COLLECTION PIPE
- WASTEBEDS 9-15 LEACHATE CONVEYANCE PIPE
- EMPIRE STATE TRAIL / ERIE CANAL TRAIL
- SEEP APRON
- SCA
- BERM STABILIZATION AND EROSION CONTROL
- C&D LANDFILL
- WILLOW PLOTS
- SALT MARSH
- PROPOSED SOLAR PANEL ROWS
- GENERAL STORMWATER CONVEYANCE DIRECTION
- PROPOSED SOLAR PILOT DISCHARGE TO OUTFALL 017
- WASTEBED 12 SURFACE WATER SAMPLES

0 2,000 4,000 Feet

WASTEBEDS 9-15 SITE PLAN

HONEYWELL INTERNATIONAL, INC.
WASTEBEDS 9-15
GEDDES AND CAMILLUS, NY

FIGURE 01

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

I:\Honeywell.1163\75018.Sb-9-15-2020-Det\Docs\DWG\MXD\Solar Pilot Site Plan_112520.mxd

PROJECT: 1163.72386 | DATED: 2/18/2021 | DESIGNER: MCCOMBSI

APPENDICES

APPENDIX 1A
SHAW RAW MODEL OUTPUT

Appendix 1A
Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
1	24	1975	4.57	0.2	0.51	0.22	0	0	3.84	0	-33.3	33.7	0	0	0.2	-0.02
2	24	1975	0.25	0	0	0.35	0	0	0.47	0	-33.8	33.5	0	0	0.6	-0.01
3	24	1975	0	0	0.66	0.17	0	0	-0.55	0	-31.7	32.1	0	0	0.7	0
4	24	1975	1.27	0	3.82	0.07	0	0	-2.45	0	-24.8	28.5	0	0	0.8	0
5	24	1975	1.52	0	0	0.37	0	0	1.76	0	-24.9	24.4	0	0	1.2	-0.02
6	24	1975	0	0	0	0.22	0	0	0.24	0	-21.2	20.8	0	0	1.4	-0.01
7	24	1975	0	0	1.57	-0.04	0	0	-1.41	0	-18.1	18.0	1.57	0	1.4	0
8	24	1975	0	0	1.6	0.12	0.08	0	-1.92	0	-16.0	15.8	1.74	0.26	1.5	-0.01
9	24	1975	10.67	0.17	0	-0.32	0	0	0	0	-12.3	14.0	9.28	0	1.2	0.04
10	24	1975	0	0	0	0.7	0.12	0	0	0	-13.0	12.5	0	0	1.9	-0.01
11	24	1975	4.06	0	0	1.19	0.24	0	0	0	-8.4	11.3	0	0	3	-0.03
12	24	1975	0	0	0	1.05	0	0	0	0	-11.4	10.3	0	0	4.1	-0.02
13	24	1975	0	0	0	1.22	0	0	0	0	-10.7	9.5	0	0	5.3	0
14	24	1975	0	0	0	2.22	0	0	0	0	-11.1	8.9	0	0	7.5	-0.04
15	24	1975	0.25	0	0.2	1.1	0	0	0	0	-9.3	8.3	0	0.2	8.6	-0.01
16	24	1975	0.25	0	0.4	1.22	0	0	0	0	-9.0	7.8	0	0.4	9.9	-0.01
17	24	1975	0.25	0	0	0.38	0	0	0.87	0	-7.9	7.3	0	0	10.2	-0.01
18	24	1975	0.25	0	0.03	0.15	0	0	0.47	0	-7.3	6.9	0.03	0	10.4	-0.01
19	24	1975	0	0	0.77	0.13	0	0	-0.47	0	-6.9	6.5	0.77	0	10.5	-0.02
20	24	1975	0	0	0	0.47	0	0	0.31	0	-6.9	6.1	0	0	11	0
21	24	1975	0	0	0	0.49	0	0	0.03	0	-6.3	5.8	0	0	11.5	0
22	24	1975	0	0	0	0.37	0	0	0.06	0	-5.9	5.4	0	0	11.9	-0.01
23	24	1975	0	0	0	0.19	0	0	0.15	0	-5.5	5.1	0	0	12	0
24	24	1975	0	0	0.39	0.23	0.16	0	-0.49	0	-4.6	4.8	0	0	12.3	0
25	24	1975	15.75	0	16.19	0.24	0.12	0	-0.93	0	-3.4	4.6	15.29	0	12.5	0
26	24	1975	1.52	0	0.72	1.43	0	0	0	0	-4.2	4.3	0	0	13.9	0.01
27	24	1975	0.76	0	0	0.85	0	0	0.71	0	-4.9	4.1	0	0	14.8	-0.01
28	24	1975	0	0	0	0.1	0	0	0.21	0	-4.2	3.9	0	0	14.9	0
29	24	1975	23.11	0	23.52	0.61	0.24	0	-0.92	0	-3.3	3.7	23.06	0	15.5	-0.03
30	24	1975	0	0	0	2.14	0	0	0	0	-5.6	3.5	0	0	17.6	-0.02
31	24	1975	0	0	0	0.65	0	0	0	0	-4.0	3.3	0	0	18.3	0.01
32	24	1975	0	0	0	0.78	0	0	0	0	-4.0	3.2	0	0	19.1	-0.01
33	24	1975	0	0	0	0.76	0	0	0	0	-3.8	3.1	0	0	19.8	-0.01
34	24	1975	0	0	0	0.88	0	0	0	0	-3.8	2.9	0	0	20.7	-0.02
35	24	1975	1.02	0	0	0.6	0	0	0.83	0	-3.2	2.8	0	0	21.3	-0.01
36	24	1975	2.79	0	0	0.57	0	0	2.41	0	-2.9	2.7	0	0	21.9	0.01
37	24	1975	6.1	0.16	0	0.25	0	0	5.72	0	-2.7	2.6	0	0	22.1	0
38	24	1975	0	0	0	0.21	0	0	0.12	0	-2.7	2.5	0	0	22.3	-0.01
39	24	1975	0.51	0	0	0.31	0	0	0.38	0	-2.6	2.4	0	0	22.7	-0.01
40	24	1975	1.02	0	0	0.27	0	0	0.97	0	-2.6	2.4	0	0	22.9	-0.01
41	24	1975	0	0	0	0.21	0	0	0	0	-2.5	2.3	0	0	23.1	0
42	24	1975	0.51	0	0	0.22	0	0	0.45	0	-2.4	2.2	0	0	23.4	-0.01
43	24	1975	0.51	0	0	0.2	0	0	0.5	0	-2.3	2.2	0	0	23.6	-0.01
44	24	1975	8.38	0	0	0.32	0	0	8.15	0	-2.2	2.1	0	0	23.9	0
45	24	1975	0.76	0	0	0.12	0	0	0.68	0	-2.1	2.0	0	0	24	0
46	24	1975	0	0	0	0.09	0	0	-0.1	0	-2.0	2.0	0	0	24.1	0
47	24	1975	2.79	0.15	2.82	0.3	0	0	-0.51	0	0.9	1.9	0	0	24.4	0
48	24	1975	8.89	0	12.6	0.47	0	0	-4.04	0	3.3	1.9	7.46	0	24.9	0
49	24	1975	0	0	8.75	-0.09	0.12	0	-8.56	0	-1.8	1.8	8.69	0	24.8	0
50	24	1975	2.79	0.13	7.17	0.4	0	0	-4.91	0	-1.6	1.8	7.06	0	25.2	-0.01
51	24	1975	0	0	1.04	0.3	0	0	-1.11	0	-1.6	1.7	0.86	0	25.5	0
52	24	1975	0	0	0.75	0.28	0.18	0	-0.97	0	-1.5	1.7	0.48	0	25.8	0
53	24	1975	0	0	0	0.69	0.51	0	0	0	-2.3	1.6	0	0	26.4	0
54	24	1975	6.35	0	0	0.94	0.03	0	0	0	-0.1	1.6	3.96	0	27.4	0
55	24	1975	27.94	0.1	0	0.64	0.03	0	0	0	-0.8	1.5	26.49	0	28	-0.01
56	24	1975	6.6	0	0	1.36	0	0	0	0	-0.9	1.5	4.72	0	29.4	-0.02
57	24	1975	0	0	0	1.51	0	0	0	0	-3.0	1.5	0	0	30.9	-0.01
58	24	1975	0.25	0	0.17	1.49	0	0	0	0	-2.7	1.4	0	0	32.4	-0.02
59	24	1975	0.25	0	0	1.16	0.18	0	0	0	-2.3	1.4	0	0	33.5	-0.01
60	24	1975	0	0	0	1.08	0	0	0	0	-2.5	1.4	0	0	34.6	0
61	24	1975	1.02	0	0.41	1.1	0	0	0	0	-1.4	1.3	0	0	35.7	0.01
62	24	1975	1.52	0	0	1.43	0	0	1.14	0	-2.4	1.3	0	0	37.1	-0.02
63	24	1975	0.25	0	0	0.47	0	0	0.22	0	-1.7	1.3	0	0	37.6	-0.01
64	24	1975	0.25	0	0.33	0.24	0	0	-0.19	0	-1.4	1.3	0.33	0	37.9	0
65	24	1975	0	0	0.83	0.2	0.13	0	-1.18	0	-1.0	1.2	0.69	0	38.1	0
66	24	1975	10.16	0.12	0	0.68	0	0	0	0	0.9	1.2	7.25	0	38.7	0
67	24	1975	0	0	0	1.99	0	0	0	0	-3.1	1.2	0	0	40.7	0
68	24	1975	0	0	0	1.37	0	0	0	0	-2.5	1.2	0	0	42.1	-0.01
69	24	1975	0.25	0	0.17	0.51	0	0	0	0	-1.6	1.2	0	0.17	42.6	0.01
70	24	1975	0	0	0	0.21	0	0	0	0	-1.2	1.1	0	0	42.8	0.01
71	24	1975	1.52	0	0	0.74	0.24	0	0	0	-0.4	1.1	0	0	43.6	0.01
72	24	1975	0	0	0	1.29	0.39	0	0	0	-2.4	1.1	0	0	44.9	-0.03
73	24	1975	2.79	0	0.08	1.41	0	0	1.89	0	-1.6	1.1	0	0	46.3	-0.01
74	24	1975	0.25	0	1.47	0.28	0	0	-1.06	0	0.0	1.1	0	0	46.6	0.01
75	24	1975	0	0	0.69	0.6	0.25	0	-0.83	0	-0.8	1.1	0	0	47.2	-0.01
76	24	1975	0	0	0	0.66	0.43	0	0	0	-1.7	1.1	0	0	47.8	0
77	24	1975	0	0	0	1.57	0.88	0	0	0	-2.6	1.0	0	0	49.4	-0.02
78	24	1975	7.87	0	0	1.94	0.31	0	0	0	4.9	1.0	0	0	51.3	-0.02
79	24	1975	14.99	0	0	1.77	0.13	0	0	0	12.2	1.0	0	0	53.1	-0.03
80	24	1975	0	0	0	1.64	0	0	0	0	-2.6	1.0	0	0	54.7	0
81	24	1975	5.08	0	0	1.88	0.21	0	0	0	2.2	1.0	0	0	56.6	0
82	24	1975	0	0	0	1.94	0.56	0	0	0	-2.9	1.0	0	0	58.5	-0.01
83	24	1975	11.68	0	0	2.03	0	0	0	0	8.7	1.0	0	0	60.6	-0.03
84	24	1975	4.83	0	0	1.99	0.06	0	0	0	1.9	1.0	0	0	62.6	0
85	24	1975	0.25	0	0.16	1.75	0	0	0	0	-2.5	1.0	0	0	64.3	0
86	24	1975	0	0	0	2.16	0	0	0	0	-3.1	1.0	0	0	66.5	0
87	24	1975	0	0	0	0.77	0	0	0	0	-1.8	1.0	0	0	67.2	0.01
88	24	1975	0.51	0	0	0.77	0.49	0	0	0	-1.6	1.0	0.31	0	68	0.01
89	24	1975	1.52	0	0	1.54	0	0	0	0	-1.0	1.0	0	0	69.5	-0.05
90	24	1975	3.05	0	1.3	1.54	0	0	0.81	0	-0.3	1.0	0	0	71.1	-0.01
91	24	1975	0	0	0.65	0.27	0	0	-0.81	0	-0.5	1.0	0	0	71.4	0
92	24	1975	1.02	0	0.26	0.98	0	0	0	0	-1.0	1.0	0	0	72.3	-0.01
93	24	1975	33.27	0	5.34	0.5	0	0	27.57	0	4.2	1.0	0	0	72.8	0.01
94	24	1975	9.65	0	1.19	0.67	0	0	7.82	0	0.1	1.0	0	0	73.5	0
95	24	1975	2.29	0	2.3	0.66	0	0	-0.61	0	1.2	1.0	0	0	74.2	0
96	24	1975	0	0	3.59	0.28	0	0	-3.82	0	2.5	1.1	0	0	74.4	0
97	24	1975	0.25	0	5.46	0.17	0	0	-5.33	0	4.3	1.1	0	0	74.6	0
98	24	1975	0	0	7.2	0.14	0	0	-7.27	0	6.1	1.1	0	0	74.8	0
99	24	1975	0	0	6.14	0.2	0	0	-6.23	0	4.9	1.1	0	0	75	0
100	24	1975	0	0	9.5	0.48	0.43	0	-9.37	0	7.8	1.1	0	0	75.4	0.01
101	24	1975	0	0	2.03	1.26	0.42	0	-2.76	0	0.4	1.1	0	0	76.7	0
102	24	1975	0	0	0	1.05	0	0	0	0	-2.2	1.1	0	0	77.8	0
103	24	1975	0	0	0	2.23	0.43	0	0	0	-3.4	1.1	0	0	80	0
104	24	1975	0	0	0	2.66	1.1	0	0	0	-3.8	1.2	0	0	82.6	0
105	24	1975	0	0	0	3.13	1.36	0	0	0	-4.3	1.2	0	0	85.8	-0.01
106	24	1975	0	0	0	2.38	1.39	0	0	0	-3.5	1.2	0	0	88.1	-0.02
107	24	1975	0	0	0	2.76	1.65	0	0	0	-4.0	1.2	0	0	90.9	0
108	24	1975	0.25	0	0	4.2	2.21	0	0	0	-5.2	1.2	0	0	95.1	-0.02
109	24	1975	0.25	0	0	5.64	2.62	0	0	0	-6.6	1.2	0	0	100.8	-0.02
110	24	1975	1.78	0	0	4.55	1.05	0	0	0	-4.0	1.3	0	0	105.3	-0.04
111	24	1975	0	0	0	2.78	0.47	0	0	0	-4.0	1.3	0	0	108.1	-0.03
112	24	1975	0	0	0	3.25	1.55	0	0	0	-4.6	1.3	0	0	111.3	0
113	24	1975	0.76	0	0	3.17	1.87	0	0	0	-3.7	1.3	0	0	114.5	-0.01
114	24	1975	1.52	0	0	2.67	1.1	0	0	0	-2.5	1.3	0	0	117.2	-0.03
115	24	1975	0	0	0	2.04	0.93	0	0	0	-3.4	1.4	0	0	119.2	-0.02
116	24	1975	0	0	0	2.48	1.14	0	0	0	-3.8	1.4	0	0	121.7	-0.02
117	24	1975	0	0	0	2.64	1.45	0	0	0	-4.0	1.4	0	0	124.3	-0.01
118	24	1975	0	0	0	2.44	1.31	0	0	0	-3.8	1.4	0	0	126.8	-0.02
119	24	1975	0	0	0	3.16	2.01	0	0	0	-4.5	1.4	0	0	129.9	0
120	24	1975	0	0	0	4.24	2.65	0	0	0	-5.6	1.4	0	0	134.2	0.01
121	24	1975	7.87	0	0	4.4	1.08	0	0	0	2.1	1.4	0	0	138.6	-0.01
122	24	1975	10.92	0	0	3.34	1.04	0	0	0	6.2	1.4	0	0	141.9	-0.02
123	24	1975	0	0	0	3.97	2.49	0	0	0	-5.3	1.4	0	0	145.9	-0.01
124	24	1975	10.67	0	0	3.22	0.72	0	0	0	6.1	1.4	0	0	149.1	-0.01
125	24	1975	0	0	0	2.69	1.7	0	0	0	-4.0	1.4	0	0	151.8	-0.03
126	24	1975	13.72	0	0	3.59	0.81	0	0	0	8.8	1.3	0	0	155.4	-0.01
127	24	1975	0	0	0	3.07	2.05	0	0	0	-4.4	1.3	0	0	158.4	-0.02
128	24	1975	0	0	0	2.9	2.12	0	0	0	-4.2	1.3	0	0	161.3	-0.02
129	24	1975	0	0	0	4.97	2.91	0	0	0	-6.3	1.3	0	0	166.3	-0.02
130	24	1975	0	0	0	3.41	2.28	0	0	0	-4.7	1.3	0	0	169.7	-0.02
131	24	1975	0	0	0	4.96	2.92	0	0	0	-6.2	1.3	0	0	174.7	-0.01
132	24	1975	2.54	0	0	2.6	0.78	0	0	0	-1.3	1.2	0	0	177.3	0
133	24	1975	0	0	0	3.24	2.11	0	0	0	-4.4	1.2	0	0	180.5	-0.03
134	24	1975	0	0	0	4.4	2.76	0	0	0	-5.6	1.2	0	0	184.9	-0.01
135	24	1975	8.89	0	0	3.79	1.65	0	0	0	3.9	1.2	0	0	188.7	-0.02
136	24	1975	0	0	0	3.84	2.06	0	0	0	-5.0	1.2	0	0	192.6	-0.02
137	24	1975	0	0	0	2.48	1.91	0	0	0	-3.6	1.2	0	0	195	-0.04
138	24	1975	0	0	0	4.44	2.94	0	0	0	-5.6	1.1	0	0	199.5	-0.01
139	24	1975	0	0	0	2.71	2.29	0	0	0	-3.8	1.1	0	0	202.2	0
140	24	1975	0	0	0	2.92	2.49	0	0	0	-4.0	1.1	0	0	205.1	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
137	24	1975	0	0	0	2.48	1.91	0	0	0	-3.6	1.2	0	0	195	-0.04
138	24	1975	0	0	0	4.44	2.94	0	0	0	-5.6	1.1	0	0	199.5	-0.01
139	24	1975	0	0	0	2.71	2.29	0	0	0	-3.8	1.1	0	0	202.2	0
140	24	1975	0	0	0	2.92	2.49	0	0	0	-4.0	1.1	0	0	205.1	-0.01
141	24	1975	0.25	0	0	3.42	2.45	0	0	0	-4.2	1.1	0	0	208.5	-0.01
142	24	1975	0	0	0	3.47	2.67	0	0	0	-4.5	1.1	0	0	212	-0.01
143	24	1975	0	0	0	3.24	2.58	0	0	0	-4.3	1.1	0	0	215.2	-0.03
144	24	1975	0	0	0	4.31	3.08	0	0	0	-5.3	1.1	0	0	219.5	-0.02
145	24	1975	0	0	0	3.75	2.65	0	0	0	-4.7	1.0	0	0	223.3	-0.04
146	24	1975	7.11	0	0	4.13	1.74	0	0	0	2.0	1.0	0	0	227.4	0
147	24	1975	1.27	0	0	4.33	2.26	0	0	0	-4.0	1.0	0	0	231.8	-0.02
148	24	1975	0	0	0	6.29	3.6	0	0	0	-7.3	1.0	0	0	238	-0.01
149	24	1975	0	0	0	5	3.05	0	0	0	-6.0	1.0	0	0	243.1	0
150	24	1975	1.78	0	0	3.55	1.68	0	0	0	-2.7	1.0	0	0	246.6	0
151	24	1975	4.57	0	0	4.83	2.46	0	0	0	-1.2	1.0	0	0	251.4	0
152	24	1975	0	0	0	2.78	1.72	0	0	0	-3.7	0.9	0	0	254.2	-0.04
153	24	1975	0	0	0	3.92	2.61	0	0	0	-4.8	0.9	0	0	258.1	-0.03
154	24	1975	8.13	0	0	5.49	1.71	0	0	0	1.7	0.9	0	0	263.6	-0.01
155	24	1975	0	0	0	5.46	3.17	0	0	0	-6.3	0.9	0	0	269.1	-0.02
156	24	1975	33.27	0	0	5.62	1.87	0	0	0	26.8	0.9	0	0	274.7	0
157	24	1975	12.95	0	0	5.38	1.6	0	0	0	6.7	0.9	0	0	280.1	-0.01
158	24	1975	1.27	0	0	3.43	1.31	0	0	0	-3.0	0.9	0	0	283.5	-0.02
159	24	1975	1.78	0	0	4.36	1.87	0	0	0	-3.4	0.8	0	0	287.9	-0.01
160	24	1975	0	0	0	5.46	3.14	0	0	0	-6.3	0.8	0	0	293.3	-0.01
161	24	1975	0	0	0	4.99	3.22	0	0	0	-5.8	0.8	0	0	298.3	-0.02
162	24	1975	2.03	0	0	6.21	3.07	0	0	0	-5.0	0.8	0	0	304.5	-0.02
163	24	1975	11.18	0	0	4.57	1.46	0	0	0	5.8	0.8	0	0	309.1	-0.01
164	24	1975	0	0	0	5.94	3.79	0	0	0	-6.7	0.8	0	0	315	-0.02
165	24	1975	4.32	0	0	5.51	2.43	0	0	0	-2.0	0.8	0	0	320.5	-0.01
166	24	1975	0	0	0	6.19	4.28	0	0	0	-6.9	0.8	0	0	326.7	-0.02
167	24	1975	0.51	0	0	5.44	3.24	0	0	0	-5.7	0.8	0	0	332.2	-0.02
168	24	1975	0	0	0	4.6	3.32	0	0	0	-5.3	0.7	0	0	336.8	-0.03
169	24	1975	0	0	0	6.02	4.26	0	0	0	-6.7	0.7	0	0	342.8	-0.01
170	24	1975	8.64	0	0	5.25	1.6	0	0	0	2.7	0.7	0	0	348	-0.02
171	24	1975	0	0	0	4.27	2.75	0	0	0	-4.9	0.7	0	0	352.3	-0.03
172	24	1975	0	0	0	3.41	2.5	0	0	0	-4.1	0.7	0	0	355.7	-0.03
173	24	1975	0	0	0	3.74	2.97	0	0	0	-4.4	0.7	0	0	359.5	0
174	24	1975	17.53	0	0	4.34	1.84	0	0	0	12.6	0.7	0	0	363.8	-0.05
175	24	1975	0	0	0	4.64	3.46	0	0	0	-5.3	0.7	0	0	368.4	-0.04
176	24	1975	0	0	0	4.19	2.93	0	0	0	-4.8	0.7	0	0	372.6	-0.02
177	24	1975	0	0	0	4.29	3.14	0	0	0	-4.9	0.7	0	0	376.9	-0.04
178	24	1975	0	0	0	5.61	3.33	0	0	0	-6.2	0.6	0	0	382.5	-0.01
179	24	1975	0	0	0	4.35	2.51	0	0	0	-5.0	0.6	0	0	386.9	-0.01
180	24	1975	2.03	0	0	4.73	1.95	0	0	0	-3.3	0.6	0	0	391.6	-0.03
181	24	1975	0	0	0	2.99	1.87	0	0	0	-3.6	0.6	0	0	394.6	-0.04
182	24	1975	0	0	0	2.42	1.63	0	0	0	-3.0	0.6	0	0	397	-0.03
183	24	1975	2.54	0	0	3.58	1.16	0	0	0	-1.6	0.6	0	0	400.6	-0.02
184	24	1975	0	0	0	1.97	1.21	0	0	0	-2.5	0.6	0	0	402.5	-0.01
185	24	1975	0	0	0	1.59	1.24	0	0	0	-2.1	0.6	0	0	404.1	-0.03
186	24	1975	0	0	0	1.56	1.34	0	0	0	-2.1	0.6	0	0	405.7	-0.01
187	24	1975	0	0	0	1.45	1.3	0	0	0	-2.0	0.6	0	0	407.1	-0.03
188	24	1975	0	0	0	1.08	1.13	0	0	0	-1.6	0.6	0	0	408.2	-0.01
189	24	1975	3.05	0	0	2.84	0.6	0	0	0	-0.3	0.6	0	0	411.1	-0.02
190	24	1975	7.11	0	0	3.31	0.31	0	0	0	3.3	0.5	0	0	414.4	-0.03
191	24	1975	0.76	0	0	3.5	1.12	0	0	0	-3.2	0.5	0	0	417.9	-0.04
192	24	1975	0.51	0	0	2.29	0.73	0	0	0	-2.3	0.5	0	0	420.2	-0.03
193	24	1975	61.72	0	0	4.17	1.24	0	0	0	57.1	0.5	0	0	424.3	-0.04
194	24	1975	9.91	0	0	3.55	0.7	0	0	0	5.9	0.5	0	0	427.9	-0.02
195	24	1975	25.91	0	0	4	1.09	0	0	0	21.4	0.5	0	0	431.9	-0.02
196	24	1975	0.25	0	0	4.45	3.45	0	0	0	-4.7	0.5	0	0	436.3	-0.04
197	24	1975	0	0	0	5.29	4.12	0	0	0	-5.8	0.5	0	0	441.6	-0.03
198	24	1975	0	0	0	2.93	2.65	0	0	0	-3.4	0.5	0	0	444.6	-0.01
199	24	1975	0	0	0	4.58	3.89	0	0	0	-5.0	0.5	0	0	449.1	-0.03
200	24	1975	40.13	0	0	7.47	3.67	0	0	0	32.2	0.5	0	0	456.6	-0.02
201	24	1975	44.7	0	0	7.09	3.33	0	0	0	37.2	0.5	0	0	463.7	-0.02
202	24	1975	0	0	0	5.25	4.04	0	0	0	-5.7	0.5	0	0	469	-0.05
203	24	1975	0	0	0	5.71	4.44	0	0	0	-6.1	0.5	0	0	474.7	-0.04
204	24	1975	0	0	0	5.81	4.77	0	0	0	-6.2	0.5	0	0	480.5	-0.04
205	24	1975	40.13	0	0	5.17	1.91	0	0	0	34.6	0.5	0	0	485.6	-0.04
206	24	1975	0	0	0	4.84	3.55	0	0	0	-5.2	0.5	0	0	490.5	-0.08
207	24	1975	0	0	0	5.89	4.35	0	0	0	-6.3	0.4	0	0	496.4	-0.04
208	24	1975	0	0	0	5.84	4.77	0	0	0	-6.2	0.4	0	0	502.2	-0.05
209	24	1975	0	0	0	5.02	4.39	0	0	0	-5.4	0.4	0	0	507.2	-0.02
210	24	1975	0	0	0	5.01	4.16	0	0	0	-5.4	0.4	0	0	512.2	-0.05
211	24	1975	0	0	0	3.41	3.01	0	0	0	-3.8	0.4	0	0	515.6	-0.05
212	24	1975	0	0	0	3.25	3.04	0	0	0	-3.6	0.4	0	0	518.9	-0.05
213	24	1975	0	0	0	3.17	3.02	0	0	0	-3.6	0.4	0	0	522.1	-0.03
214	24	1975	0	0	0	4.32	3.89	0	0	0	-4.7	0.4	0	0	526.4	-0.07
215	24	1975	0	0	0	5.24	4.46	0	0	0	-5.6	0.4	0	0	531.6	-0.07
216	24	1975	12.7	0	0	6.44	2.62	0	0	0	5.9	0.4	0	0	538.1	-0.07
217	24	1975	0	0	0	6.3	4.73	0	0	0	-6.7	0.4	0	0	544.4	-0.06
218	24	1975	8.64	0	0	4.55	0.69	0	0	0	3.7	0.4	0	0	548.9	-0.06
219	24	1975	0	0	0	3.03	2.08	0	0	0	-3.4	0.4	0	0	552	-0.05
220	24	1975	0.51	0	0	3.68	2.84	0	0	0	-3.6	0.4	0	0	555.6	-0.01
221	24	1975	0	0	0	3.57	3	0	0	0	-3.9	0.4	0	0	559.2	-0.06
222	24	1975	0	0	0	3.38	3.08	0	0	0	-3.8	0.4	0	0	562.6	-0.02
223	24	1975	1.02	0	0	3.76	2.52	0	0	0	-3.1	0.4	0	0	566.3	-0.03
224	24	1975	0	0	0	5.18	3.99	0	0	0	-5.6	0.4	0	0	571.5	-0.05
225	24	1975	1.78	0	0	4.31	2.26	0	0	0	-2.9	0.4	0	0	575.8	-0.06
226	24	1975	0	0	0	4.51	3.52	0	0	0	-4.9	0.4	0	0	580.3	-0.05
227	24	1975	0	0	0	3.46	2.66	0	0	0	-3.9	0.4	0	0	583.8	-0.03
228	24	1975	0	0	0	2.32	1.58	0	0	0	-2.7	0.4	0	0	586.1	-0.04
229	24	1975	0	0	0	3.59	2.98	0	0	0	-4.0	0.4	0	0	589.7	-0.02
230	24	1975	0	0	0	5.29	3.54	0	0	0	-5.7	0.5	0	0	595	-0.03
231	24	1975	0	0	0	5.13	3.46	0	0	0	-5.6	0.5	0	0	600.1	-0.03
232	24	1975	0	0	0	4.81	3.37	0	0	0	-5.2	0.5	0	0	604.9	-0.02
233	24	1975	0	0	0	4.28	2.85	0	0	0	-4.7	0.5	0	0	609.2	-0.02
234	24	1975	0.51	0	0	4.15	2.33	0	0	0	-4.1	0.5	0	0	613.4	-0.04
235	24	1975	0	0	0	3.58	2.36	0	0	0	-4.0	0.5	0	0	616.9	-0.04
236	24	1975	17.27	0	0	4.35	1.49	0	0	0	12.5	0.5	0	0	621.3	0
237	24	1975	1.27	0	0	4.81	3	0	0	0	-4.0	0.5	0	0	626.1	-0.05
238	24	1975	41.66	0	0	5.43	2.29	0	0	0	35.8	0.5	0	0	631.5	-0.05
239	24	1975	0	0	0	3.56	2.33	0	0	0	-4.0	0.5	0	0	635.1	-0.05
240	24	1975	0	0	0	3.16	2.25	0	0	0	-3.6	0.5	0	0	638.3	-0.03
241	24	1975	43.94	0	0	3.16	0.53	0	0	0	40.3	0.5	0	0	641.4	-0.02
242	24	1975	6.6	0	0	4.02	1.05	0	0	0	2.2	0.5	0	0	645.4	-0.04
243	24	1975	0	0	0	4.72	2.84	0	0	0	-5.2	0.5	0	0	650.1	-0.03
244	24	1975	0.76	0	0	3.43	1.5	0	0	0	-3.1	0.5	0	0	653.6	-0.01
245	24	1975	5.33	0	0	3.22	0.95	0	0	0	1.7	0.5	0	0	656.8	-0.04
246	24	1975	0	0	0	3.49	1.73	0	0	0	-3.9	0.5	0	0	660.3	-0.03
247	24	1975	0	0	0	3.57	1.97	0	0	0	-4.0	0.5	0	0	663.9	-0.03
248	24	1975	1.02	0	0	2.36	1.12	0	0	0	-1.8	0.5	0	0	666.2	-0.03
249	24	1975	1.78	0	0	2.63	0.98	0	0	0	-1.3	0.5	0	0	668.9	-0.04
250	24	1975	0	0	0	3.7	1.86	0	0	0	-4.1	0.5	0	0	672.5	-0.04
251	24	1975	0	0	0	3.23	1.89	0	0	0	-3.7	0.5	0	0	675.8	-0.03
252	24	1975	0	0	0	3.64	1.34	0	0	0	-4.0	0.5	0	0	679.4	-0.05
253	24	1975	0	0	0	3	1.46	0	0	0	-3.4	0.5	0	0	682.4	-0.02
254	24	1975	9.91	0	0	3.03	1.01	0	0	0	6.5	0.5	0	0	685.4	-0.04
255	24	1975	44.96	0	0	2.71	0.55	0	0	0	41.9	0.5	0	0	688.2	-0.06
256	24	1975	4.06	0	0	4.02	0.69	0	0	0	-0.4	0.4	0	0	692.2	-0.05
257	24	1975	0	0	0	3.05	0.9	0	0	0	-3.5	0.4	0	0	695.2	-0.04
258	24	1975	0	0	0	2.58	0.84	0	0	0	-3.0	0.4	0	0	697.8	-0.02
259	24	1975	3.3	0	0	1.79	0.21	0	0	0	1.1	0.4	0	0	699.6	-0.02
260	24	1975	1.27	0	0	1.81	0.4	0	0	0	-0.9	0.4	0	0	701.4	-0.06
261	24	1975	13.46	0	0	2.06	0.14	0	0	0	11.0	0.4	0	0	703.5	-0.06
262	24	1975	0	0	0	1.27	0.32	0	0	0	-1.7	0.4	0	0	704.7	-0.02
263	24	1975	1.52	0	0	2.99	0.49	0	0	0	-1.8	0.4	0	0	707.7	-0.06
264	24	1975	0	0	0	1.69	0.31	0	0	0	-2.1	0.4	0	0	709.4	-0.06
265	24	1975	0	0	0	2.15	0.29	0	0	0	-2.6	0.4	0	0	711.6	-0.03
266	24	1975	0.76	0	0	2.09	0.23	0	0	0	-1.7	0.4	0	0	713.7	-0.01
267	24	1975	9.91	0	0	1.71	0.02	0	0	0	7.8	0.4	0	0	715.4	-0.01
268	24	1975	63.25	0	0	1.66	0.01	0	0	0	60.7	0.4	0.44	0	717	-0.01
269	24	1975	62.48	0	0	2.62	0.01	0	0	0	28.4	0.4	31.04	0	719.6	0
270	24	1975	0	0	0	1.6	0	0	0	0	-2.0	0.4	0	0	721.3	0
271	24	1975	0	0	0	1.72	0	0	0	0	-2.2	0.4	0	0	723	-0.01
272	24	1975	0	0	0	2.5	0	0	0	0	-2.9	0.4	0	0	725.5	-0.01
273	24	1975	0	0	0	2.52	0	0	0	0	-3.0	0.4	0	0	728	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
274	24	1975	4.83	0	0	2.59	0.01	0	0	0	1.8	0.4	0	0	730.6	0
275	24	1975	5.59	0	0	3.06	0	0	0	0	2.1	0.5	0	0	733.6	0
276	24	1975	0	0	0	3.5	0.01	0	0	0	-4.0	0.5	0	0	737.1	0.01
277	24	1975	0	0	0	2.52	0.01	0	0	0	-3.0	0.5	0	0	739.7	0.01
278	24	1975	0	0	0	2.83	0.02	0	0	0	-3.3	0.5	0	0	742.5	0.01
279	24	1975	0	0	0	4.02	0.02	0	0	0	-4.5	0.5	0	0	746.5	0.02
280	24	1975	0	0	0	3.06	0.01	0	0	0	-3.6	0.5	0	0	749.6	0.01
281	24	1975	0	0	0	1.01	0.02	0	0	0	-1.6	0.5	0	0	750.6	0
282	24	1975	0	0	0	1.87	0.01	0	0	0	-2.4	0.6	0	0	752.4	0
283	24	1975	0.51	0	0	1.21	0.01	0	0	0	-1.3	0.6	0	0	753.7	0.02
284	24	1975	9.91	0	0	1.63	0.01	0	0	0	7.6	0.6	0	0	755.3	0
285	24	1975	0.25	0	0	2.17	0.01	0	0	0	-2.6	0.7	0	0	757.5	0.01
286	24	1975	7.11	0	0	2.24	0.01	0	0	0	4.2	0.7	0	0	759.7	0.01
287	24	1975	0	0	0	1.18	0.01	0	0	0	-1.9	0.7	0	0	760.9	0.01
288	24	1975	8.38	0	0	1.71	0.04	0	0	0	5.9	0.8	0	0	762.6	0
289	24	1975	0	0	0	2.9	0.01	0	0	0	-3.7	0.8	0	0	765.5	0.01
290	24	1975	13.97	0	0	1.72	0.01	0	0	0	11.4	0.8	0	0	767.2	0.01
291	24	1975	27.69	0	0	1.58	0	0	0	0	25.2	0.9	0	0	768.8	0.01
292	24	1975	7.62	0.01	0	1	0	0	0	0	5.7	0.9	0	0	769.8	0.01
293	24	1975	6.86	0	0	1.45	0	0	0	0	4.5	0.9	0	0	771.2	0
294	24	1975	0.51	0	0	2.02	0.03	0	0	0	-2.5	0.9	0	0	773.3	0.01
295	24	1975	0	0	0	1.41	0.04	0	0	0	-2.4	1.0	0	0	774.7	0
296	24	1975	0	0	0	1.26	0.08	0	0	0	-2.2	1.0	0	0	775.9	-0.01
297	24	1975	0	0	0	2.03	0.06	0	0	0	-3.0	1.0	0	0	778	0
298	24	1975	0.51	0	0	1.63	0.05	0	0	0	-2.2	1.0	0	0	779.6	0
299	24	1975	0	0	0	1.78	0.02	0	0	0	-2.8	1.1	0	0	781.4	0
300	24	1975	0	0	0	2.05	0.05	0	0	0	-3.1	1.1	0	0	783.4	0.01
301	24	1975	0	0	0	1.35	0.05	0	0	0	-2.5	1.1	0	0	784.8	0.01
302	24	1975	0	0	0	1.64	0.02	0	0	0	-2.8	1.2	0	0	786.4	0
303	24	1975	0	0	0	3.61	0.01	0	0	0	-4.8	1.2	0	0	790	0
304	24	1975	0	0	0	0.93	0.03	0	0	0	-2.1	1.2	0	0	790.9	0
305	24	1975	0	0	0	2.59	0.05	0	0	0	-3.9	1.3	0	0	793.5	0
306	24	1975	0.51	0	0	0.69	0.03	0	0	0	-1.5	1.3	0	0	794.2	0
307	24	1975	2.29	0	0	1.13	0.02	0	0	0	-0.2	1.3	0	0	795.4	0
308	24	1975	7.87	0	0	2.57	0.03	0	0	0	4.0	1.4	0	0	797.9	-0.01
309	24	1975	0	0	0	2.67	0.05	0	0	0	-4.0	1.4	0	0	800.6	-0.01
310	24	1975	0	0	0	0.59	0.1	0	0	0	-2.0	1.4	0	0	801.2	0
311	24	1975	0	0	0	1.26	0.07	0	0	0	-2.7	1.4	0	0	802.4	0
312	24	1975	6.35	0	0	1.41	0.04	0	0	0	3.5	1.4	0	0	803.9	-0.02
313	24	1975	0	0	0	0.99	0.05	0	0	0	-2.4	1.4	0	0	804.8	0
314	24	1975	4.06	0	0	2.35	0.05	0	0	0	0.3	1.4	0	0	807.2	-0.01
315	24	1975	0	0	0	3.37	0.06	0	0	0	-4.8	1.4	0	0	810.6	0
316	24	1975	24.13	0	0	1.15	0.02	0	0	0	21.5	1.4	0	0	811.7	0
317	24	1975	7.11	0	0	1.35	0.01	0	0	0	4.3	1.4	0	0	813.1	0
318	24	1975	5.08	0	0	2.16	0	0	0	0	1.5	1.4	0	0	815.2	0
319	24	1975	0	0	0	2.77	0.04	0	0	0	-4.2	1.4	0	0	818	-0.01
320	24	1975	0	0	0	1.64	0.04	0	0	0	-3.1	1.4	0	0	819.7	0
321	24	1975	0	0	0	1.03	0.08	0	0	0	-2.4	1.4	0	0	820.7	-0.01
322	24	1975	0	0	0	0.81	0.06	0	0	0	-2.2	1.4	0	0	821.5	0
323	24	1975	0	0	0	0.45	0.04	0	0	0	-1.9	1.4	0	0	821.9	-0.01
324	24	1975	0.51	0	0	0.81	0.12	0	0	0	-1.7	1.4	0	0	822.8	-0.01
325	24	1975	13.72	0	0	1.3	0.03	0	0	0	11.0	1.4	0	0	824.1	-0.01
326	24	1975	0	0	0	3.16	0	0	0	0	-4.6	1.4	0	0	827.2	0
327	24	1975	0	0	0	1.57	0.03	0	0	0	-3.0	1.4	0	0	828.8	0
328	24	1975	0	0	0	1.08	0.03	0	0	0	-2.5	1.4	0	0	829.9	0
329	24	1975	0.76	0	0.66	0.85	0	0	0	0	-1.5	1.4	0	0	830.7	0
330	24	1975	0	0	0	0.19	0	0	0	0	-1.6	1.4	0	0	830.9	0
331	24	1975	6.35	0	0	1.9	0.03	0	0	0	3.1	1.4	0	0	832.8	-0.01
332	24	1975	1.52	0	0	2.06	0	0	0	0	-1.9	1.4	0	0	834.9	0
333	24	1975	1.52	0	0	1.16	0.02	0	0	0	-1.0	1.4	0	0	836	0
334	24	1975	8.13	0	0	2.57	0.1	0	0	0	4.2	1.4	0	0	838.6	0
335	24	1975	8.38	0	0	4.17	0.1	0	0	0	2.8	1.4	0	0	842.8	-0.01
336	24	1975	0	0	0	2.1	0	0	0	0	-3.5	1.4	0	0	844.9	0
337	24	1975	2.79	0	0	1.03	0	0	2.6	0	-2.2	1.4	0	0	845.9	-0.01
338	24	1975	0	0	0	0.02	0	0	0.32	0	-1.7	1.4	0	0	845.9	0
339	24	1975	0	0	2.11	0.14	0.11	0	-2.08	0	-1.5	1.4	2.11	0	846.1	0
340	24	1975	19.3	0	0.11	-0.32	0.03	0	-0.84	0	-1.0	1.4	20.06	0	845.7	-0.01
341	24	1975	0	0	0	1.89	0	0	0	0	-3.3	1.4	0	0	847.6	0
342	24	1975	0	0	0	0.99	0	0	0	0	-2.4	1.4	0	0	848.6	-0.01
343	24	1975	14.73	0	0	0.42	0	0	0	0	-1.4	1.4	14.33	0	849	0.01
344	24	1975	2.54	0	0	0.09	0	0	0	0	0.7	1.4	0.43	0	849.1	0
345	24	1975	0	0	0	1.5	0.03	0	0	0	-2.8	1.4	0	0	850.6	-0.01
346	24	1975	0	0	0	0.95	0	0	0	0	-2.3	1.3	0	0	851.6	0
347	24	1975	0	0	0	0.48	0.09	0	0	0	-1.8	1.3	0	0	852.1	0
348	24	1975	0	0	0	0.46	0.12	0	0	0	-1.8	1.3	0	0	852.5	0
349	24	1975	8.38	0	0	1.26	0.07	0	0	0	5.8	1.3	0	0	853.8	-0.01
350	24	1975	0.51	0	0.46	2.14	0	0	0	0	-3.4	1.3	0	0.46	855.9	-0.01
351	24	1975	4.06	0	0	0.24	0	0	4.37	0	-1.4	1.3	0	0	856.2	-0.01
352	24	1975	8.38	0	0	0.18	0	0	8.38	0	-1.5	1.3	0	0	856.3	0
353	24	1975	0	0	0	0	0	0	0.17	0	-1.4	1.3	0	0	856.3	0
354	24	1975	6.35	0	0	-0.1	0	0	6.57	0	-1.4	1.3	0	0	856.2	0
355	24	1975	0	0	0	0.02	0	0	0.03	0	-1.3	1.3	0	0	856.3	0
356	24	1975	0.25	0	0	-0.01	0	0	0.32	0	-1.3	1.3	0	0	856.3	0
357	24	1975	0.76	0	0	-0.04	0	0	0.89	0	-1.3	1.2	0	0	856.2	0
358	24	1975	0	0	0	0.03	0	0	0.11	0	-1.4	1.2	0	0	856.2	0
359	24	1975	4.57	0	0	-0.03	0	0	4.7	0	-1.3	1.2	0	0	856.2	0
360	24	1975	11.18	0	0	-0.19	0	0	11.4	0	-1.2	1.2	0	0	856	0
361	24	1975	0	0	0	0.06	0	0	-0.03	0	-1.2	1.2	0	0	856.1	0
362	24	1975	0.25	0	0	-0.06	0	0	0.38	0	-1.2	1.2	0	0	856	0
363	24	1975	0	0	0	-0.02	0	0	0.1	0	-1.3	1.2	0	0	856	0
364	24	1975	11.68	0	0	-0.03	0	0	11.74	0	-1.2	1.2	0	0	856	0
365	24	1975	0	0	0	-0.14	0	0	0.13	0	-1.1	1.2	0	0	855.8	0
1	24	1976	0	0	0	-0.02	0	0	0.08	0	-1.2	1.1	0	0	855.8	0
2	24	1976	2.03	0	0	0.18	0	0	1.95	0	-1.2	1.1	0	0	856	0
3	24	1976	10.41	0	0	-0.14	0	0	10.59	0	-1.2	1.1	0	0	855.8	0
4	24	1976	2.54	0	0	0.07	0	0	2.51	0	-1.1	1.1	0	0	855.9	0
5	24	1976	0	0	0	-0.06	0	0	0.13	0	-1.2	1.1	0	0	855.9	0
6	24	1976	0	0	0	0.03	0	0	0.07	0	-1.2	1.1	0	0	855.9	0
7	24	1976	2.79	0	0	-0.09	0	0	2.94	0	-1.1	1.1	0	0	855.8	0
8	24	1976	1.02	0	0	0.22	0	0	0.85	0	-1.1	1.1	0	0	856	0
9	24	1976	0	0	0	0.13	0	0	-0.07	0	-1.1	1.0	0	0	856.1	0
10	24	1976	0	0	0	0.03	0	0	0.04	0	-1.1	1.0	0	0	856.2	0
11	24	1976	6.6	0	0	-0.1	0	0	6.77	0	-1.1	1.0	0	0	856.1	0
12	24	1976	2.29	0	0	-0.03	0	0	2.35	0	-1.1	1.0	0	0	856	0
13	24	1976	5.59	0	0	0.24	0	0	5.38	0	-1.0	1.0	0	0	856.3	0
14	24	1976	1.27	0	0.87	0.51	0	0	-0.11	0	-0.2	1.0	0.09	0	856.8	0
15	24	1976	0	0	0.29	0.08	0	0	-0.38	0	-0.7	1.0	0	0	856.9	0
16	24	1976	1.02	0	0	0.19	0	0	0.87	0	-1.0	1.0	0	0	857.1	0
17	24	1976	0.25	0	0	0.11	0	0	0.21	0	-1.0	1.0	0	0	857.2	0
18	24	1976	0	0	0	0.05	0	0	0.04	0	-1.0	1.0	0	0	857.2	0
19	24	1976	0	0	0	0.08	0	0	0.02	0	-1.0	0.9	0	0	857.3	0
20	24	1976	0	0	0	0.25	0	0	-0.19	0	-1.0	0.9	0	0	857.5	0
21	24	1976	2.29	0	0	-0.03	0	0	2.34	0	-1.0	0.9	0	0	857.5	0
22	24	1976	3.3	0	0	0.39	0	0	2.96	0	-1.0	0.9	0	0	857.9	0
23	24	1976	0.51	0	0	0	0	0	0.56	0	-1.0	0.9	0	0	857.9	0
24	24	1976	0	0	0	-0.04	0	0	0.1	0	-1.0	0.9	0	0	857.8	0
25	24	1976	1.78	0	0	0.11	0	0	1.72	0	-0.9	0.9	0	0	857.9	0
26	24	1976	1.27	0	8.35	-0.59	0	0	-6.49	0	1.0	0.9	6.49	0	857.4	0
27	24	1976	20.32	0	23.36	-0.17	0	0	-2.88	0	5.2	0.9	17.33	0	857.2	0
28	24	1976	3.81	0	0.58	-0.02	0	0	3.25	0	-0.3	0.9	0	0	857.2	0
29	24	1976	1.27	0	0	0.23	0	0	1.07	0	-0.9	0.9	0	0	857.4	0
30	24	1976	0.51	0	0	-0.06	0	0	0.61	0	-0.9	0.8	0	0	857.3	0
31	24	1976	0	0	0	0.01	0	0	0.05	0	-0.9	0.8	0	0	857.3	0
32	24	1976	1.27	0	0.61	-0.14	0	0	0.83	0	-0.3	0.8	0	0	857.2	0
33	24	1976	4.57	0	0.17	1.41	0	0	3	0	-0.7	0.8	0	0	858.6	0
34	24	1976	0	0	0	0.22	0	0	-0.19	0	-0.9	0.8	0	0	858.8	0
35	24	1976	0.25	0	0	0.48	0	0	-0.2	0	-0.8	0.8	0	0	859.3	0
36	24	1976	0.51	0	0	0.03	0	0	0.52	0	-0.8	0.8	0	0	859.3	0
37	24	1976	0.25	0	0	-0.06	0	0	0.37	0	-0.9	0.8	0	0	859.3	0
38	24	1976	0.51	0	0	0.09	0	0	0.47	0	-0.8	0.8	0	0	859.4	0
39	24	1976	1.52	0	0	0.23	0	0	1.33	0	-0.8	0.8	0	0	859.6	0
40	24	1976	0.51	0	0	-0.07	0	0	0.61	0	-0.8	0.8	0	0	859.5	0
41	24	1976	0	0	0	0.28	0	0	-0.25	0	-0.8	0.8	0	0	859.8	0
42	24	1976	3.81	0	13.69	-0.06	0	0	-9.82	0	9.6	0.8	3.3	0	859.8	0
43	24	1976	0.76	0	2.7	0.5	0	0	-2.45	0	2.0	0.8	0	0	860.3	0
44	24	1976	0	0	7.64	0.57	0	0	-8.21	0	6.9	0.8	0	0	860.8	0
45	24	1976	0	0	0.63	0.63	0	0	-1.25	0	-0.1	0.7	0	0	861.5	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
46	24	1976	0.76	0	6.53	0.36	0	0	-6.1	0	5.8	0.7	0	0	861.8	0
47	24	1976	1.78	0	16.25	-0.08	0.02	0	-14.37	0	15.5	0.7	0	0	861.7	0
48	24	1976	7.11	0	25.89	0.02	0.1	0	-18.7	0	25.1	0.7	0	0	861.8	0
49	24	1976	26.42	0	43.12	0.1	0.1	0	-16.7	0	32.8	0.7	9.54	0	861.9	0
50	24	1976	0.25	0	15.34	0.35	0.24	0	-15.54	0	14.7	0.7	0	0	862.2	0
51	24	1976	0.76	0	0	1.21	0	0	0	0	-1.2	0.7	0	0	863.4	-0.01
52	24	1976	0.25	0	0	1.66	0.29	0	0	0	-2.1	0.7	0	0	865.1	0.01
53	24	1976	8.38	0	0	1.92	0.2	0	0	0	4.3	0.7	1.49	0	867	-0.02
54	24	1976	0	0	0	2.06	0	0	0	0	-2.8	0.7	0	0	869.1	-0.02
55	24	1976	0	0	0	0.6	0.24	0	0	0	-1.3	0.7	0	0	869.7	0.02
56	24	1976	0	0	0	0.61	0.45	0	0	0	-1.3	0.7	0	0	870.3	-0.01
57	24	1976	1.52	0	0	1.17	0.35	0	0	0	-0.4	0.7	0	0	871.4	-0.01
58	24	1976	0	0	0	1.68	0.23	0	0	0	-2.4	0.8	0	0	873.1	-0.03
59	24	1976	0	0	0	2.24	0.32	0	0	0	-3.0	0.8	0	0	875.4	-0.02
60	24	1976	7.62	0	0	1.97	0.26	0	0	0	4.8	0.9	0	0	877.3	-0.01
61	24	1976	0.76	0	0	1.37	0	0	0	0	-1.5	0.9	0	0	878.7	-0.02
62	24	1976	17.78	0	0	0.9	0	0	17.57	0	-1.6	1.0	0	0	879.6	-0.01
63	24	1976	12.7	0	0.52	-0.02	0	0	12.26	0	-0.6	1.0	0	0	879.6	0
64	24	1976	10.16	0	13.59	0.03	0.02	0	-3.43	0	12.5	1.1	0	0	879.6	0
65	24	1976	0.25	0	27.44	-0.37	0.43	0	-26.39	0	25.9	1.2	0	0	879.2	-0.01
66	24	1976	0	0	0	2.49	0	0	0	0	-3.7	1.2	0	0	881.7	-0.01
67	24	1976	1.52	0	0	1.34	0	0	1.23	0	-2.3	1.3	0	0	883.1	-0.01
68	24	1976	0	0	0	0.71	0	0	0.2	0	-2.3	1.3	0	0	883.8	0
69	24	1976	0	0	0	0.41	0	0	0.1	0	-1.9	1.4	0	0	884.2	0
70	24	1976	0	0	1.04	0.65	0.19	0	-1.53	0	-1.7	1.5	1.11	0	884.9	0.01
71	24	1976	0.76	0	0.45	1.75	0	0	0	0	-2.7	1.5	0.17	0	886.6	0
72	24	1976	1.27	0	0.21	1.48	0	0	0.65	0	-2.7	1.6	0.21	0	888.1	-0.01
73	24	1976	6.35	0	0.36	0.56	0.14	0	-0.65	0	-1.5	1.7	6.3	0	888.6	0
74	24	1976	2.03	0	0	1.89	0	0	0	0	-1.6	1.7	0	0	890.5	-0.02
75	24	1976	0.76	0	0.28	1.76	0	0	0	0	-2.8	1.8	0	0	892.3	0
76	24	1976	10.67	0	0	1.1	0	0	10.44	0	-2.7	1.8	0	0	893.4	-0.01
77	24	1976	4.57	0	0	0.2	0	0	4.48	0	-2.0	1.9	0	0	893.6	0
78	24	1976	1.52	0	0	0.27	0	0	1.33	0	-2.0	1.9	0	0	893.9	0
79	24	1976	1.02	0	11.61	0.33	0.38	0	-10.5	0	-2.4	2.0	11.61	0	894.2	0
80	24	1976	0	0	4.8	1	0.75	0	-5.76	0	-3.0	2.0	5.83	0	895.2	-0.08
81	24	1976	15.24	0	0	3.7	0.44	0	0	0	9.5	2.0	0	0	898.9	-0.01
82	24	1976	0.51	0	0.41	3.15	0	0	0	0	-5.1	2.0	0	0.41	902	-0.02
83	24	1976	0	0	0	0.86	0.34	0	0	0	-2.5	2.0	0	0	902.9	0
84	24	1976	0	0	0	2.73	0.73	0	0	0	-4.8	2.0	0	0	905.6	0
85	24	1976	12.7	0	0	3.21	0.43	0	0	0	7.5	2.0	0	0	908.8	-0.01
86	24	1976	0	0	0	3.22	0.74	0	0	0	-5.2	2.0	0	0	912.1	-0.02
87	24	1976	4.06	0	0	5.11	0.78	0	0	0	-3.1	2.0	0	0	917.2	0
88	24	1976	0.51	0	0	2.6	0.15	0	0	0	-4.1	2.0	0	0	919.8	-0.03
89	24	1976	0	0	0	2.32	0.47	0	0	0	-4.3	2.0	0	0	922.1	-0.01
90	24	1976	0	0	0	4.29	0.87	0	0	0	-6.3	2.0	0	0	926.4	-0.01
91	24	1976	12.19	0	0	3.19	0.47	0	0	0	7.0	2.0	0	0	929.6	-0.01
92	24	1976	32.51	0	0	3.06	0.3	0	0	0	27.5	2.0	0	0	932.6	-0.01
93	24	1976	0	0	0	1.83	0.31	0	0	0	-3.8	2.0	0	0	934.5	-0.02
94	24	1976	0	0	0	3.03	0.4	0	0	0	-4.9	1.9	0	0	937.5	-0.03
95	24	1976	0	0	0	2.53	0.3	0	0	0	-4.5	1.9	0	0	940	-0.01
96	24	1976	0	0	0	3.72	0.56	0	0	0	-5.6	1.9	0	0	943.8	-0.03
97	24	1976	0	0	0	3.3	0.68	0	0	0	-5.2	1.9	0	0	947.1	-0.01
98	24	1976	0	0	0	2.76	0.48	0	0	0	-4.7	1.9	0	0	949.8	-0.01
99	24	1976	0	0	0	2.45	0.29	0	0	0	-4.3	1.9	0	0	952.3	-0.01
100	24	1976	0	0	0	2.41	0.38	0	0	0	-4.3	1.9	0	0	954.7	-0.01
101	24	1976	0.51	0	0	4.57	0.82	0	0	0	-6.0	1.9	0	0	959.2	0
102	24	1976	4.83	0	0	4.55	0.42	0	0	0	-1.6	1.9	0	0	963.8	-0.01
103	24	1976	0	0	0	3.35	0	0	0	0	-5.3	1.9	0	0	967.1	-0.01
104	24	1976	0	0	0	3.42	0.68	0	0	0	-5.3	1.9	0	0	970.6	-0.01
105	24	1976	0	0	0	3.85	1.04	0	0	0	-5.7	1.9	0	0	974.4	-0.02
106	24	1976	26.67	0	0	4.11	0.76	0	0	0	20.7	1.9	0	0	978.5	-0.02
107	24	1976	45.72	0	0	3.83	0.77	0	0	0	40.0	1.9	0	0	982.3	-0.01
108	24	1976	0	0	0	4.51	1.29	0	0	0	-6.3	1.9	0	0	986.9	-0.04
109	24	1976	0	0	0	4.13	1.33	0	0	0	-6.0	1.9	0	0	991	-0.04
110	24	1976	0	0	0	4.68	1.28	0	0	0	-6.5	1.8	0	0	995.7	-0.02
111	24	1976	0	0	0	4.21	0.94	0	0	0	-6.0	1.8	0	0	999.9	-0.02
112	24	1976	0.76	0	0	5.13	1.32	0	0	0	-6.1	1.8	0	0	1005	-0.03
113	24	1976	7.11	0	0	2.94	0.57	0	0	0	2.4	1.8	0	0	1007.9	-0.01
114	24	1976	4.06	0	0	3.76	0.38	0	0	0	-1.4	1.8	0	0	1011.7	-0.04
115	24	1976	0.51	0	0	1.85	0.36	0	0	0	-3.1	1.8	0	0	1013.6	-0.01
116	24	1976	45.47	0	0	2.38	0.16	0	0	0	41.4	1.8	0	0	1015.9	-0.05
117	24	1976	24.64	0	0	2.73	0.12	0	0	0	20.2	1.8	0	0	1018.7	-0.05
118	24	1976	6.86	0	0	2.94	0	0	0	0	2.2	1.8	0	0	1021.6	-0.03
119	24	1976	6.6	0	0	3.16	0.43	0	0	0	1.7	1.8	0	0	1024.8	-0.02
120	24	1976	0	0	0	4.8	0.89	0	0	0	-6.6	1.8	0	0	1029.6	-0.03
121	24	1976	0	0	0	4.5	1	0	0	0	-6.3	1.8	0	0	1034.1	-0.02
122	24	1976	20.32	0	0	4.85	0.84	0	0	0	13.7	1.8	0	0	1038.9	-0.02
123	24	1976	0.25	0	0	2.67	0.72	0	0	0	-4.3	1.9	0	0	1041.6	-0.02
124	24	1976	6.35	0	0	5.61	0.71	0	0	0	-1.1	1.9	0	0	1047.2	-0.03
125	24	1976	0.25	0	0	3.77	0.46	0	0	0	-5.4	2.0	0	0	1051	-0.04
126	24	1976	0	0	0	5.31	1.39	0	0	0	-7.3	2.0	0	0	1056.3	-0.02
127	24	1976	3.81	0	0	4.75	0.89	0	0	0	-3.0	2.1	0	0	1061	-0.02
128	24	1976	8.13	0	0	3.99	0.22	0	0	0	2.0	2.2	0	0	1065	-0.02
129	24	1976	0	0	0	5.21	0.77	0	0	0	-7.5	2.3	0	0	1070.2	-0.03
130	24	1976	0	0	0	3.29	0.9	0	0	0	-5.6	2.4	0	0	1073.5	-0.01
131	24	1976	0	0	0	2.72	1.07	0	0	0	-5.1	2.4	0	0	1076.2	0
132	24	1976	16.26	0	0	5.56	0.94	0	0	0	8.2	2.5	0	0	1081.8	-0.02
133	24	1976	5.08	0	0	4.9	0.53	0	0	0	-2.3	2.5	0	0	1086.7	-0.03
134	24	1976	0	0	0	3.92	1.06	0	0	0	-6.4	2.5	0	0	1090.6	-0.02
135	24	1976	20.32	0	0	4.69	0.89	0	0	0	13.1	2.6	0	0	1095.3	-0.01
136	24	1976	0	0	0	4.82	1.25	0	0	0	-7.4	2.6	0	0	1100.1	-0.03
137	24	1976	5.59	0	0	4.63	0.68	0	0	0	-1.6	2.6	0	0	1104.7	-0.01
138	24	1976	0	0	0	5.32	1.23	0	0	0	-7.8	2.5	0	0	1110.1	-0.03
139	24	1976	27.94	0	0	3.53	0.45	0	0	0	21.9	2.5	0	0	1113.6	-0.03
140	24	1976	52.07	0	0	4.23	0.26	0	0	0	37.7	2.5	7.64	0	1117.8	-0.04
141	24	1976	16.51	0	0	4.73	0.79	0	0	0	9.3	2.5	0	0	1122.6	-0.01
142	24	1976	0.51	0	0	4.51	0.76	0	0	0	-6.4	2.5	0	0	1127.1	-0.02
143	24	1976	0	0	0	4.28	0.66	0	0	0	-6.7	2.4	0	0	1131.3	-0.04
144	24	1976	0	0	0	4.11	0.82	0	0	0	-6.5	2.4	0	0	1135.5	-0.01
145	24	1976	0	0	0	2.64	0.56	0	0	0	-5.1	2.5	0	0	1138.1	-0.01
146	24	1976	0	0	0	3.86	0.88	0	0	0	-6.4	2.5	0	0	1142	-0.01
147	24	1976	0.25	0	0	4.02	0.86	0	0	0	-6.3	2.6	0	0	1146	-0.01
148	24	1976	0	0	0	4.95	1.32	0	0	0	-7.6	2.6	0	0	1150.9	-0.02
149	24	1976	0	0	0	4.92	1.51	0	0	0	-7.6	2.7	0	0	1155.8	-0.02
150	24	1976	0	0	0	5.18	1.26	0	0	0	-8.0	2.8	0	0	1161	-0.01
151	24	1976	0.25	0	0	4.41	1.03	0	0	0	-7.0	2.9	0	0	1165.4	-0.01
152	24	1976	4.32	0	0	4.58	0.75	0	0	0	-3.2	2.9	0	0	1170	-0.01
153	24	1976	13.46	0	0	3.29	0.33	0	0	0	7.3	2.9	0	0	1173.3	-0.03
154	24	1976	0	0	0	3.12	0.97	0	0	0	-6.0	2.9	0	0	1176.4	-0.03
155	24	1976	0	0	0	4.51	1.39	0	0	0	-7.4	2.9	0	0	1180.9	0
156	24	1976	0	0	0	5.02	1.38	0	0	0	-7.9	2.9	0	0	1185.9	-0.01
157	24	1976	0	0	0	4.57	1.45	0	0	0	-7.4	2.9	0	0	1190.5	-0.02
158	24	1976	16.26	0	0	3.54	0.79	0	0	0	9.9	2.8	0	0	1194.1	-0.04
159	24	1976	2.54	0	0	3.64	0.8	0	0	0	-3.9	2.8	0	0	1197.7	-0.03
160	24	1976	0	0	0	4.31	1.6	0	0	0	-7.0	2.7	0	0	1202	-0.03
161	24	1976	0	0	0	2.7	1.16	0	0	0	-5.3	2.7	0	0	1204.7	0
162	24	1976	0	0	0	3.22	1.4	0	0	0	-5.8	2.6	0	0	1207.9	-0.02
163	24	1976	0.76	0	0	6.93	1.72	0	0	0	-8.7	2.5	0	0	1214.9	-0.03
164	24	1976	0	0	0	3.77	1.08	0	0	0	-6.2	2.5	0	0	1218.6	-0.03
165	24	1976	0	0	0	4.85	1.31	0	0	0	-7.2	2.4	0	0	1223.5	-0.02
166	24	1976	25.4	0	0	5.54	1.45	0	0	0	17.5	2.3	0	0	1229	-0.02
167	24	1976	0	0	0	5.66	1.74	0	0	0	-7.9	2.3	0	0	1234.7	-0.03
168	24	1976	20.32	0	0	6.56	1.52	0	0	0	11.6	2.2	0	0	1241.2	-0.03
169	24	1976	8.89	0	0	3.42	0.7	0	0	0	3.3	2.2	0	0	1244.7	-0.04
170	24	1976	0	0	0	3.29	1.28	0	0	0	-5.4	2.1	0	0	1248	-0.03
171	24	1976	23.62	0	0	5.46	1.37	0	0	0	16.1	2.1	0	0	1253.4	-0.01
172	24	1976	30.48	0	0	3.34	0.38	0	0	0	25.2	2.0	0	0	1256.8	-0.04
173	24	1976	4.57	0	0	4.18	0.95	0	0	0	-1.6	2.0	0	0	1260.9	-0.03
174	24	1976	1.02	0	0	4.48	1.2	0	0	0	-5.4	1.9	0	0	1265.4	-0.02
175	24	1976	3.3	0	0	5.32	1.2	0	0	0	-3.9	1.9	0	0	1270.7	-0.03
176	24	1976	14.99	0	0	5.42	1.26	0	0	0	7.8	1.8	0	0	1276.1	-0.04
177	24	1976	2.03	0	0	3.75	0.76	0	0	0	-3.5	1.8	0	0	1279.9	-0.05
178	24	1976	1.78	0	0	5.95	1.52	0	0	0	-5.9	1.8	0	0	1285.8	-0.04
179	24	1976	0.51	0	0	5.67	1.5	0	0	0	-6.9	1.8	0	0	1291.5	-0.02
180	24	1976	1.02	0	0	4.31	1.41	0	0	0	-5.0	1.8	0	0	1295.8	-0.04
181	24	1976	2.54	0	0	4.12	1.01	0	0	0	-3.3	1.8	0	0	1300	-0.03
182	24	1976	14.99	0	0	4.72	0.57	0	0	0	8.6	1.8	0	0	1304.7	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
183	24	1976	0	0	0	5.16	1.22	0	0	0	-6.9	1.8	0	0	1309.8	-0.03
184	24	1976	1.02	0	0	4.94	1.2	0	0	0	-5.7	1.8	0	0	1314.8	-0.03
185	24	1976	2.29	0	0	4.7	0.69	0	0	0	-4.2	1.8	0	0	1319.5	-0.03
186	24	1976	0.76	0	0	4.08	1.21	0	0	0	-5.1	1.8	0	0	1323.5	-0.04
187	24	1976	0	0	0	3.43	1.27	0	0	0	-5.2	1.8	0	0	1327	-0.02
188	24	1976	5.84	0	0	2.95	0.86	0	0	0	1.1	1.8	0	0	1329.9	0
189	24	1976	0	0	0	3.93	1.12	0	0	0	-5.7	1.8	0	0	1333.9	-0.03
190	24	1976	4.57	0	0	3.11	0.56	0	0	0	-0.3	1.8	0	0	1337	-0.04
191	24	1976	0	0	0	4.03	1.3	0	0	0	-5.8	1.8	0	0	1341	-0.04
192	24	1976	0	0	0	5.27	1.61	0	0	0	-7.0	1.8	0	0	1346.3	-0.04
193	24	1976	1.52	0	0	3.35	1.19	0	0	0	-3.6	1.8	0	0	1349.6	-0.01
194	24	1976	25.4	0	0	3.42	0.41	0	0	0	20.3	1.8	0	0	1353	-0.03
195	24	1976	19.3	0	0	4.22	0.3	0	0	0	13.4	1.8	0	0	1357.3	-0.02
196	24	1976	0.25	0	0	4.95	1.21	0	0	0	-6.4	1.7	0	0	1362.2	-0.03
197	24	1976	0	0	0	4.58	1.51	0	0	0	-6.3	1.7	0	0	1366.8	-0.02
198	24	1976	12.7	0	0	3.94	0.71	0	0	0	7.1	1.7	0	0	1370.7	-0.02
199	24	1976	0	0	0	5.12	1.3	0	0	0	-6.8	1.7	0	0	1375.8	-0.03
200	24	1976	0	0	0	5.48	1.63	0	0	0	-7.1	1.7	0	0	1381.3	-0.02
201	24	1976	0	0	0	4.96	1.88	0	0	0	-6.6	1.6	0	0	1386.3	-0.02
202	24	1976	2.29	0	0	5.73	1.38	0	0	0	-5.0	1.6	0	0	1392	-0.03
203	24	1976	4.32	0	0	4.47	0.92	0	0	0	-1.7	1.6	0	0	1396.5	-0.03
204	24	1976	0	0	0	5.01	1.44	0	0	0	-6.6	1.6	0	0	1401.5	-0.03
205	24	1976	0.76	0	0	4.54	1.01	0	0	0	-5.3	1.6	0	0	1406.1	-0.03
206	24	1976	1.02	0	0	3.89	0.86	0	0	0	-4.4	1.5	0	0	1409.9	-0.03
207	24	1976	0	0	0	4.28	1.31	0	0	0	-5.8	1.5	0	0	1414.2	-0.02
208	24	1976	0	0	0	4.5	1.61	0	0	0	-6.0	1.5	0	0	1418.7	-0.02
209	24	1976	0	0	0	5.36	1.8	0	0	0	-6.9	1.5	0	0	1424.1	0
210	24	1976	0	0	0	4.5	1.58	0	0	0	-6.0	1.5	0	0	1428.6	-0.02
211	24	1976	37.08	0	0	3.46	0.56	0	0	0	32.2	1.5	0	0	1432	-0.02
212	24	1976	0	0	0	2.58	0.84	0	0	0	-4.0	1.5	0	0	1434.6	-0.03
213	24	1976	13.97	0	0	4.28	0.78	0	0	0	8.3	1.4	0	0	1438.9	-0.01
214	24	1976	11.94	0	0	4.27	0.79	0	0	0	6.3	1.4	0	0	1443.2	-0.03
215	24	1976	0	0	0	4.46	1.26	0	0	0	-5.8	1.4	0	0	1447.6	-0.02
216	24	1976	0	0	0	3.92	1.36	0	0	0	-5.3	1.4	0	0	1451.5	0
217	24	1976	0	0	0	3.5	1.4	0	0	0	-4.9	1.4	0	0	1455	-0.01
218	24	1976	4.83	0	0	3.99	1.11	0	0	0	-0.5	1.3	0	0	1459	-0.02
219	24	1976	12.95	0	0	2.46	0.27	0	0	0	9.2	1.3	0	0	1461.5	-0.02
220	24	1976	42.93	0.04	0	1.89	0.05	0	0	0	39.7	1.3	0	0	1463.4	-0.02
221	24	1976	18.8	0	0	2.67	0.48	0	0	0	14.9	1.3	0	0	1466	0
222	24	1976	0	0	0	3.65	1.11	0	0	0	-4.9	1.3	0	0	1469.7	-0.01
223	24	1976	0	0	0	2.66	0.79	0	0	0	-3.9	1.3	0	0	1472.4	-0.03
224	24	1976	0	0	0	3.24	1.5	0	0	0	-4.5	1.2	0	0	1475.6	-0.02
225	24	1976	0	0	0	3.34	1.24	0	0	0	-4.6	1.2	0	0	1478.9	-0.03
226	24	1976	21.59	0	0	4.1	0.94	0	0	0	16.3	1.2	0	0	1483	-0.02
227	24	1976	2.54	0	0	2.71	0.48	0	0	0	-1.4	1.2	0	0	1485.7	-0.04
228	24	1976	2.03	0	0	3.94	0.76	0	0	0	-3.1	1.2	0	0	1489.7	-0.04
229	24	1976	0	0	0	3.15	0.97	0	0	0	-4.3	1.2	0	0	1492.8	-0.03
230	24	1976	0	0	0	3.08	1.17	0	0	0	-4.3	1.2	0	0	1495.9	-0.02
231	24	1976	0	0	0	3.41	1.36	0	0	0	-4.6	1.2	0	0	1499.3	0
232	24	1976	0	0	0	3.51	1.4	0	0	0	-4.8	1.3	0	0	1502.8	0
233	24	1976	0	0	0	2.87	1.26	0	0	0	-4.1	1.3	0	0	1505.7	-0.02
234	24	1976	0	0	0	3.35	1.42	0	0	0	-4.6	1.3	0	0	1509.1	-0.01
235	24	1976	0	0	0	3.2	1.32	0	0	0	-4.5	1.3	0	0	1512.3	-0.02
236	24	1976	0	0	0	2.68	1.14	0	0	0	-4.0	1.4	0	0	1514.9	-0.04
237	24	1976	0	0	0	2.84	1.18	0	0	0	-4.2	1.4	0	0	1517.8	-0.01
238	24	1976	0	0	0	4.15	1.73	0	0	0	-5.5	1.4	0	0	1521.9	-0.03
239	24	1976	0	0	0	3.78	1.68	0	0	0	-5.2	1.4	0	0	1525.7	-0.02
240	24	1976	0.51	0	0	3.07	1.32	0	0	0	-4.0	1.4	0	0	1528.8	0
241	24	1976	52.83	0	0	4.21	1.08	0	0	0	47.2	1.5	0	0	1533	-0.03
242	24	1976	0	0	0	4.47	1.41	0	0	0	-5.9	1.5	0	0	1537.5	-0.03
243	24	1976	0	0	0	3.71	1.05	0	0	0	-5.1	1.5	0	0	1541.2	-0.02
244	24	1976	0	0	0	3.69	1.43	0	0	0	-5.1	1.5	0	0	1544.8	-0.01
245	24	1976	10.92	0	0	3.37	0.96	0	0	0	6.1	1.5	0	0	1548.2	-0.01
246	24	1976	0.25	0	0	2.8	0.96	0	0	0	-4.0	1.5	0	0	1551	-0.03
247	24	1976	0	0	0	3.48	1.42	0	0	0	-4.9	1.5	0	0	1554.5	-0.02
248	24	1976	0	0	0	3.56	1.36	0	0	0	-5.0	1.5	0	0	1558.1	-0.01
249	24	1976	1.27	0	0	2.82	0.75	0	0	0	-3.0	1.5	0	0	1560.9	-0.02
250	24	1976	0	0	0	3.14	1.16	0	0	0	-4.6	1.5	0	0	1564	-0.02
251	24	1976	0	0	0	3.15	1.43	0	0	0	-4.6	1.4	0	0	1567.2	-0.01
252	24	1976	0	0	0	3.57	1.64	0	0	0	-5.0	1.4	0	0	1570.7	-0.01
253	24	1976	0	0	0	3.65	1.51	0	0	0	-5.1	1.4	0	0	1574.4	-0.02
254	24	1976	23.88	0	0	3.93	0.87	0	0	0	18.6	1.4	0	0	1578.3	-0.03
255	24	1976	4.83	0	0	3.7	0.6	0	0	0	-0.3	1.4	0	0	1582	-0.05
256	24	1976	0	0	0	2.51	1.28	0	0	0	-3.9	1.4	0	0	1584.5	0
257	24	1976	0	0	0	1.88	1.11	0	0	0	-3.3	1.4	0	0	1586.4	-0.02
258	24	1976	0	0	0	2.27	1.24	0	0	0	-3.7	1.4	0	0	1588.7	-0.03
259	24	1976	0	0	0	2.36	1.1	0	0	0	-3.8	1.4	0	0	1591	-0.01
260	24	1976	8.13	0	0	1.87	0.25	0	0	0	4.9	1.4	0	0	1592.9	-0.03
261	24	1976	6.6	0	0	2.99	0.73	0	0	0	2.3	1.4	0	0	1595.9	-0.03
262	24	1976	1.27	0	0	2.35	0.7	0	0	0	-2.4	1.4	0	0	1598.3	-0.04
263	24	1976	0	0	0	2.61	1.23	0	0	0	-3.9	1.4	0	0	1600.9	-0.04
264	24	1976	0.76	0	0	2.3	0.71	0	0	0	-2.9	1.4	0	0	1603.2	-0.04
265	24	1976	1.02	0	0	2.29	0.54	0	0	0	-2.6	1.3	0	0	1605.5	-0.03
266	24	1976	0	0	0	2.68	0.83	0	0	0	-4.0	1.3	0	0	1608.1	-0.03
267	24	1976	2.29	0	0	3.39	0.91	0	0	0	-2.4	1.3	0	0	1611.5	-0.03
268	24	1976	0	0	0	2.1	0.76	0	0	0	-3.4	1.3	0	0	1613.6	-0.02
269	24	1976	0	0	0	1.86	0.9	0	0	0	-3.2	1.3	0	0	1615.5	-0.01
270	24	1976	18.8	0	0	1.79	0.22	0	0	0	15.8	1.3	0	0	1617.3	-0.03
271	24	1976	2.03	0	0	1.84	0.29	0	0	0	-1.1	1.3	0	0	1619.1	-0.04
272	24	1976	1.02	0	0	2.11	0.46	0	0	0	-2.3	1.3	0	0	1621.2	-0.02
273	24	1976	0	0	0	2.64	1.14	0	0	0	-3.9	1.3	0	0	1623.9	-0.03
274	24	1976	0	0	0	1.23	0.7	0	0	0	-2.5	1.2	0	0	1625.1	-0.01
275	24	1976	0	0	0	1.42	0.82	0	0	0	-2.6	1.2	0	0	1626.5	-0.01
276	24	1976	0	0	0	1.38	0.73	0	0	0	-2.6	1.2	0	0	1627.9	-0.01
277	24	1976	0	0	0	1.41	0.83	0	0	0	-2.6	1.2	0	0	1629.3	-0.02
278	24	1976	0	0	0	2.17	1.15	0	0	0	-3.4	1.2	0	0	1631.5	-0.02
279	24	1976	0	0	0	2.36	1.25	0	0	0	-3.5	1.2	0	0	1633.9	-0.02
280	24	1976	0	0	0	2.44	1.17	0	0	0	-3.6	1.2	0	0	1636.3	-0.03
281	24	1976	7.62	0	0	2.61	0.5	0	0	0	3.9	1.2	0	0	1638.9	-0.04
282	24	1976	29.21	0.34	0	1.31	0.05	0	0	0	26.4	1.2	0	0	1640.2	-0.02
283	24	1976	42.16	0.44	0	1.3	0	0	0	0	39.6	1.1	0	0	1641.5	0
284	24	1976	2.54	0	0	2.78	0.24	0	0	0	-0.9	1.1	0	0	1644.3	-0.02
285	24	1976	0	0	0	2.02	0.82	0	0	0	-3.1	1.1	0	0	1646.3	-0.01
286	24	1976	0	0	0	1.96	0.96	0	0	0	-3.1	1.1	0	0	1648.3	-0.02
287	24	1976	1.27	0	0	2.58	1.18	0	0	0	-2.4	1.1	0	0	1650.9	-0.01
288	24	1976	5.33	0	0	2.51	0.25	0	0	0	1.8	1.1	0	0	1653.4	-0.04
289	24	1976	1.52	0	0	2.8	1.12	0	0	0	-2.4	1.1	0	0	1656.2	-0.01
290	24	1976	0.76	0	0	2.19	0.51	0	0	0	-2.5	1.1	0	0	1658.3	-0.03
291	24	1976	0	0	0	1.32	0.43	0	0	0	-2.4	1.1	0	0	1659.7	-0.01
292	24	1976	0	0	0	1.55	0.39	0	0	0	-2.6	1.1	0	0	1661.2	-0.02
293	24	1976	0	0	0	1.43	0.57	0	0	0	-2.5	1.1	0	0	1662.6	0
294	24	1976	30.99	0	0	1.69	0.17	0	0	0	28.2	1.1	0	0	1664.3	-0.01
295	24	1976	11.94	0	0	2.66	0.48	0	0	0	8.2	1.1	0	0	1667	-0.03
296	24	1976	0	0	0	1.85	0.54	0	0	0	-3.0	1.1	0	0	1668.8	-0.03
297	24	1976	0	0	0	2.04	0.68	0	0	0	-3.1	1.1	0	0	1670.9	-0.03
298	24	1976	7.11	0.17	0	1.37	0	0	0	0	4.4	1.2	0	0	1672.2	0
299	24	1976	1.78	0.25	0	1.1	0	0	0	0	-0.6	1.2	0	0	1673.3	0
300	24	1976	0	0	0	1.47	0.16	0	0	0	-2.4	1.2	0	0	1674.8	-0.02
301	24	1976	0	0	0	0.83	0	0	0	0	-2.0	1.2	0	0	1675.6	0
302	24	1976	0	0	0	1.34	0.52	0	0	0	-2.6	1.2	0	0	1677	-0.01
303	24	1976	0	0	0	1.37	0.72	0	0	0	-2.6	1.3	0	0	1678.4	-0.01
304	24	1976	2.29	0	0	1.81	0.46	0	0	0	-0.8	1.3	0	0	1680.2	0
305	24	1976	21.34	0	0	1.64	0.11	0	0	0	18.4	1.3	0	0	1681.8	-0.02
306	24	1976	0	0	0	1.07	0	0	0	0	-2.4	1.4	0	0	1682.9	-0.01
307	24	1976	0	0	0	0.9	0.44	0	0	0	-2.3	1.4	0	0	1683.8	-0.01
308	24	1976	0	0	0	1.57	0.9	0	0	0	-3.0	1.4	0	0	1685.3	-0.01
309	24	1976	1.27	0	0	0.95	0.12	0	0	0	-1.1	1.4	0	0	1686.3	-0.01
310	24	1976	0.25	0	0	1.1	0.36	0	0	0	-2.3	1.5	0	0	1687.4	-0.02
311	24	1976	0	0	0	1.26	0.43	0	0	0	-2.7	1.5	0	0	1688.6	-0.01
312	24	1976	1.27	0	0	1.06	0.12	0	0	0	-1.3	1.5	0	0	1689.7	-0.01
313	24	1976	5.84	0.31	0.1	0.91	0	0	4.9	0	-1.8	1.5	0	0	1690.6	-0.01
314	24	1976	0.25	0	1.58	0.62	0	0	-1.38	0	-0.2	1.6	0	0	1691.2	0
315	24	1976	2.03	0	4.07	0.88	0	0	-3.52	0	3.1	1.6	0	0	1692.1	-0.01
316	24	1976	4.06	0.37	0.51	0.75	0	0	2.68	0	-1.3	1.6	0	0	1692.9	-0.01
317	24	1976	2.79	0.16	1.3	0.83	0	0	1.09	0	-0.5	1.6	0	0	1693.7	0
318	24	1976	3.56	0	6.1	1.17	0	0	-3.77	0	4.7	1.6	0	0	1694.9	-0.01
319	24	1976	0	0	0	0.43	0	0	0	0	-2.1	1.7	0	0	1695.3	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
320	24	1976	0	0	0	0.66	0.21	0	0	0	-2.3	1.7	0	0	1696	-0.01
321	24	1976	0	0	0	0.94	0.37	0	0	0	-2.6	1.7	0	0	1696.9	-0.01
322	24	1976	0	0	0	1.02	0.41	0	0	0	-2.7	1.7	0	0	1697.9	-0.03
323	24	1976	0.51	0	0	1.15	0.32	0	0	0	-2.3	1.7	0	0	1699.1	-0.01
324	24	1976	1.27	0	0	1.5	0.39	0	0	0	-1.9	1.7	0	0	1700.6	0
325	24	1976	0.25	0	0	0.92	0	0	0	0	-2.3	1.7	0	0	1701.5	-0.02
326	24	1976	0.25	0	0.16	0.77	0	0	0	0	-2.4	1.7	0	0.16	1702.3	-0.01
327	24	1976	0	0	0	0.89	0	0	0	0	-2.4	1.7	0	0	1703.2	-0.01
328	24	1976	0	0	0	1.01	0	0	0	0	-2.7	1.7	0	0	1704.2	-0.01
329	24	1976	0	0	0	0.72	0	0	0	0	-2.4	1.7	0	0	1704.9	0
330	24	1976	0	0	0	0.37	0	0	0	0	-2.1	1.7	0	0	1705.3	0.01
331	24	1976	0.76	0	0	0.83	0.45	0	0	0	-1.8	1.7	0	0	1706.1	0.03
332	24	1976	1.02	0	0	1.37	0.7	0	0	0	-2.0	1.7	0	0	1707.5	-0.04
333	24	1976	6.6	0.53	0	0.85	0	0	0	0	3.6	1.7	0	0	1708.3	-0.01
334	24	1976	6.86	0	0	1.65	0	0	6.63	0	-2.5	1.6	0	0	1710	-0.01
335	24	1976	0	0	0	0.13	0	0	0.19	0	-2.0	1.6	0	0	1710.1	-0.01
336	24	1976	0	0	0	0.13	0	0	0.19	0	-1.9	1.6	0	0	1710.2	-0.01
337	24	1976	2.29	0	0	0.89	0	0	1.71	0	-1.9	1.6	0	0	1711.1	-0.01
338	24	1976	0.51	0	0	0.25	0	0	0.6	0	-1.9	1.6	0	0	1711.4	0
339	24	1976	2.29	0.05	0	0.73	0	0	1.7	0	-1.8	1.6	0	0	1712.1	0.01
340	24	1976	0	0	0	0.2	0	0	-0.03	0	-1.7	1.6	0	0	1712.3	0
341	24	1976	1.27	0	0.11	0.52	0	0	0.74	0	-1.6	1.5	0.1	0	1712.8	0
342	24	1976	16	0	0.57	0.6	0	0	14.91	0	-1.6	1.5	0.57	0	1713.4	-0.01
343	24	1976	0	0	0	0.14	0	0	0.02	0	-1.7	1.5	0	0	1713.6	0
344	24	1976	1.52	0	0	0.44	0	0	1.21	0	-1.6	1.5	0	0	1714	0
345	24	1976	0	0	0.67	0.48	0.3	0	-0.8	0	-1.8	1.5	0.67	0	1714.5	0
346	24	1976	0	0	0.49	0.46	0.24	0	-0.65	0	-1.7	1.4	0.49	0	1714.9	0
347	24	1976	0.25	0	0.54	0.29	0.2	0	-0.32	0	-1.7	1.4	0.54	0	1715.2	-0.01
348	24	1976	1.27	0	0	0.7	0	0	0.73	0	-1.6	1.4	0	0	1715.9	-0.01
349	24	1976	0	0	0	0.2	0	0	-0.07	0	-1.5	1.4	0	0	1716.1	0
350	24	1976	0	0	0.64	0.2	0.18	0	-0.64	0	-1.6	1.4	0.64	0	1716.3	0
351	24	1976	0	0	0.63	0.38	0.37	0	-0.58	0	-1.8	1.3	0.63	0	1716.7	0
352	24	1976	3.56	0.19	3.54	0.51	0	0	-0.66	0	-1.4	1.3	3.54	0	1717.2	0
353	24	1976	0	0	0	0.33	0	0	-0.05	0	-1.4	1.3	0	0	1717.5	-0.01
354	24	1976	0	0	0.44	0.06	0	0	-0.42	0	-1.4	1.3	0.44	0	1717.6	0
355	24	1976	5.33	0	8.01	0.92	0.18	0	-3.4	0	-1.5	1.3	8.01	0	1718.5	0
356	24	1976	2.29	0	0	1.02	0	0	1.42	0	-1.4	1.3	0	0	1719.5	-0.01
357	24	1976	0.25	0	0	0.27	0	0	0.09	0	-1.3	1.2	0	0	1719.8	0
358	24	1976	0	0	0	0.2	0	0	-0.15	0	-1.3	1.2	0	0	1720	0
359	24	1976	0.76	0	0	0.36	0	0	0.51	0	-1.3	1.2	0	0	1720.4	-0.01
360	24	1976	0	0	0	0.12	0	0	-0.06	0	-1.2	1.2	0	0	1720.5	0
361	24	1976	4.32	0.28	0	0.44	0	0	3.68	0	-1.2	1.2	0	0	1720.9	0
362	24	1976	0	0	0	0.3	0	0	0.08	0	-1.2	1.1	0	0	1721.2	0
363	24	1976	1.02	0	0	0.31	0	0	0.8	0	-1.2	1.1	0	0	1721.5	0
364	24	1976	1.02	0	0	0.33	0	0	0.77	0	-1.2	1.1	0	0	1721.9	-0.01
365	24	1976	0	0	0	0.15	0	0	-0.05	0	-1.2	1.1	0	0	1722	0
366	24	1976	1.78	0	0	0.61	0	0	1.26	0	-1.2	1.1	0	0	1722.6	0
1	24	1977	4.32	0.1	0	0.51	0	0	3.76	0	-1.1	1.1	0	0	1723.1	0
2	24	1977	0.76	0	0	0.28	0	0	0.62	0	-1.1	1.1	0	0	1723.4	0
3	24	1977	1.27	0	0	0.35	0	0	0.97	0	-1.1	1.0	0	0	1723.8	0
4	24	1977	0.51	0	0	0.17	0	0	0.39	0	-1.1	1.0	0	0	1724	-0.01
5	24	1977	0	0	0	0.04	0	0	0.03	0	-1.1	1.0	0	0	1724	-0.01
6	24	1977	0	0	0	0.11	0	0	-0.03	0	-1.1	1.0	0	0	1724.1	-0.01
7	24	1977	3.56	0.14	0	0.47	0	0	2.99	0	-1.0	1.0	0	0	1724.6	0
8	24	1977	0	0	0	0.21	0	0	0	0	-1.0	1.0	0	0	1724.8	0
9	24	1977	0.51	0	0	0.19	0	0	0.39	0	-1.0	1.0	0	0	1725	0
10	24	1977	11.18	0	0	0.38	0	0	10.85	0	-1.0	0.9	0	0	1725.4	-0.01
11	24	1977	3.56	0.09	0	0.16	0	0	3.34	0	-1.0	0.9	0	0	1725.5	0
12	24	1977	1.27	0	0	0.28	0	0	1.1	0	-1.0	0.9	0	0	1725.8	0
13	24	1977	0.25	0	0	0.07	0	0	0.22	0	-0.9	0.9	0	0	1725.9	0
14	24	1977	2.29	0.03	0	0.36	0	0	1.93	0	-0.9	0.9	0	0	1726.2	0
15	24	1977	0.25	0	0	0.11	0	0	0.21	0	-0.9	0.9	0	0	1726.4	0
16	24	1977	0	0	0	0.23	0	0	-0.18	0	-0.9	0.9	0	0	1726.6	0
17	24	1977	3.05	0.12	0	0.24	0	0	2.75	0	-0.9	0.9	0	0	1726.8	0
18	24	1977	0.76	0	0	0.2	0	0	0.72	0	-0.9	0.9	0	0	1727	0
19	24	1977	1.52	0	0	0.27	0	0	1.28	0	-0.9	0.8	0	0	1727.3	0
20	24	1977	1.27	0	0	0.21	0	0	1.08	0	-0.9	0.8	0	0	1727.5	0
21	24	1977	0.76	0	0	0.2	0	0	0.6	0	-0.8	0.8	0	0	1727.7	0
22	24	1977	1.27	0	0	0.22	0	0	1.09	0	-0.8	0.8	0	0	1727.9	0
23	24	1977	0.25	0	0	0.07	0	0	0.23	0	-0.8	0.8	0	0	1728	0
24	24	1977	1.02	0	0	0.23	0	0	0.82	0	-0.8	0.8	0	0	1728.2	0
25	24	1977	2.03	0.02	0	0.31	0	0	1.73	0	-0.8	0.8	0	0	1728.5	0
26	24	1977	0	0	0	0.18	0	0	-0.13	0	-0.8	0.8	0	0	1728.7	0
27	24	1977	0	0	0	0.28	0	0	-0.23	0	-0.8	0.8	0	0	1729	0
28	24	1977	5.08	0	0	0.52	0	0	4.62	0	-0.8	0.7	0	0	1729.5	0
29	24	1977	0	0	0	0.18	0	0	-0.14	0	-0.8	0.7	0	0	1729.7	0
30	24	1977	0	0	0	0.16	0	0	-0.12	0	-0.8	0.7	0	0	1729.8	0
31	24	1977	0	0	0	0.17	0	0	-0.13	0	-0.8	0.7	0	0	1730	0
32	24	1977	2.03	0	0	0.34	0	0	1.73	0	-0.7	0.7	0	0	1730.4	0
33	24	1977	0	0	0	0.1	0	0	-0.06	0	-0.7	0.7	0	0	1730.5	0
34	24	1977	2.54	0	0	0.26	0	0	2.32	0	-0.7	0.7	0	0	1730.7	0
35	24	1977	0.51	0	0	0.13	0	0	0.4	0	-0.7	0.7	0	0	1730.8	0
36	24	1977	2.54	0	0	0.23	0	0	2.35	0	-0.7	0.7	0	0	1731.1	0
37	24	1977	1.27	0	0	0.23	0	0	1.07	0	-0.7	0.7	0	0	1731.3	0
38	24	1977	1.02	0	0	0.1	0	0	0.94	0	-0.7	0.7	0	0	1731.4	0
39	24	1977	0	0	0	0.07	0	0	-0.04	0	-0.7	0.6	0	0	1731.5	0
40	24	1977	0	0	0	0.12	0	0	-0.09	0	-0.7	0.6	0	0	1731.6	0
41	24	1977	1.02	0	0	0.19	0	0	0.84	0	-0.7	0.6	0	0	1731.8	0
42	24	1977	0	0	3.86	0.23	0.25	0	-3.86	0	-0.9	0.6	3.86	0	1732	0
43	24	1977	0	0	4.23	0.12	0.13	0	-4.23	0	-0.7	0.6	4.21	0	1732.1	0
44	24	1977	1.27	0	7.34	0.4	0.23	0	-6.26	0	-0.2	0.6	6.68	0	1732.6	0
45	24	1977	0.25	0	1.61	0.33	0	0	-1.69	0	0.5	0.6	0.55	0	1732.9	-0.01
46	24	1977	1.02	0	0.08	0.49	0	0	0.48	0	-0.5	0.6	0	0	1733.4	-0.01
47	24	1977	0.76	0	0	0.31	0	0	0.52	0	-0.7	0.6	0	0	1733.7	-0.01
48	24	1977	0	0	0	0.16	0	0	-0.1	0	-0.6	0.6	0	0	1733.8	0
49	24	1977	0	0	0	0.25	0	0	-0.2	0	-0.6	0.6	0	0	1734.1	-0.01
50	24	1977	0	0	0.36	0.07	0	0	-0.43	0	-0.6	0.6	0.36	0	1734.2	0
51	24	1977	5.33	0	0	0.53	0	0	4.82	0	-0.6	0.6	0	0	1734.7	0
52	24	1977	1.27	0	0	0.35	0	0	0.95	0	-0.6	0.6	0	0	1735.1	-0.01
53	24	1977	0	0	0	0.28	0.11	0	-0.15	0	-0.7	0.6	0	0	1735.3	0
54	24	1977	0	0	0.15	0.12	0	0	-0.27	0	-0.6	0.6	0.15	0	1735.5	0
55	24	1977	18.29	0	20.2	0.77	0.11	0	-2.59	0	-0.6	0.5	20.2	0	1736.2	0
56	24	1977	0.76	0	8.09	0.23	0	0	-7.57	0	-0.2	0.5	7.74	0	1736.5	0
57	24	1977	0	0	5.79	0.16	0	0	-5.95	0	0.7	0.5	4.56	0	1736.6	0
58	24	1977	1.27	0	13.08	1	0.61	0	-12.21	0	0.6	0.5	11.4	0	1737.6	0
59	24	1977	0	0	4.49	0.37	0	0	-4.84	0	0.7	0.5	3.21	0	1738	-0.01
60	24	1977	0	0	3.9	0.48	0	0	-4.35	0	-0.4	0.5	3.7	0	1738.5	0
61	24	1977	0	0	6.81	0.48	0	0	-7.24	0	-0.6	0.5	6.8	0	1738.9	0
62	24	1977	0	0	3.85	0.58	0.41	0	-4	0	-0.9	0.5	3.85	0	1739.5	0
63	24	1977	15.24	0	22.99	1.17	0.29	0	-8.63	0	1.2	0.5	21.01	0	1740.7	0.01
64	24	1977	0	0	5.15	0.68	0.69	0	-5.13	0	4.0	0.5	0	0	1741.4	0
65	24	1977	0	0	2.42	0.14	0	0	-2.53	0	1.9	0.5	0	0	1741.5	0
66	24	1977	0	0	1.42	0.56	0	0	-4.09	0	3.0	0.5	0	0	1742.1	0
67	24	1977	0	0	0	1.62	0.87	0	0	0	-2.1	0.5	0	0	1743.7	-0.01
68	24	1977	0	0	0	2.47	1.68	0	0	0	-2.9	0.5	0	0	1746.2	-0.01
69	24	1977	0	0	0	2.67	1.69	0	0	0	-3.2	0.5	0	0	1748.8	0
70	24	1977	0	0	0	1.98	1.28	0	0	0	-2.5	0.5	0	0	1750.8	-0.01
71	24	1977	0.76	0	0	2.13	1.12	0	0	0	-1.8	0.5	0	0	1752.9	-0.01
72	24	1977	30.23	0	0	2.36	0.45	0	0	0	27.4	0.5	0	0	1755.3	-0.01
73	24	1977	0.25	0	0	1.68	0.6	0	0	0	-1.9	0.5	0	0	1757	-0.03
74	24	1977	0	0	0	1.56	0.71	0	0	0	-2.0	0.5	0	0	1758.5	-0.02
75	24	1977	2.03	0	0	2.77	0.5	0	0	0	-1.2	0.5	0	0	1761.3	-0.03
76	24	1977	0	0	0	2.31	0	0	0	0	-2.7	0.5	0	0	1763.6	-0.02
77	24	1977	7.87	0	0.94	1.22	0	0	6.13	0	0.1	0.5	0	0	1764.8	0
78	24	1977	0	0	1.3	0.32	0	0	-1.39	0	0.6	0.5	0	0	1765.2	0
79	24	1977	3.3	0	3.65	1.4	0.37	0	-1.13	0	2.6	0.5	0	0	1766.5	0
80	24	1977	0	0	3.17	0.74	0.6	0	-3.62	0	2.4	0.4	0	0	1767.3	0
81	24	1977	14.73	0	0	1.82	0	0	0	0	12.5	0.4	0	0	1769.1	-0.01
82	24	1977	1.52	0	0.98	1.56	0	0	0	0	-0.4	0.4	0	0	1770.7	-0.03
83	24	1977	1.78	0	0.32	1.63	0	0	0.79	0	-1.1	0.4	0	0	1772.3	-0.01
84	24	1977	0	0	0.26	0.58	0	0	-0.24	0	-0.8	0.4	0	0	1772.9	0
85	24	1977	0	0	0.42	0.46	0	0	-0.55	0	-0.4	0.5	0	0	1773.3	0.02
86	24	1977	0	0	0	0.95	0.63	0	0	0	-1.4	0.5	0	0	1774.3	0
87	24	1977	3.81	0	0	2.06	0.61	0	0	0	1.3	0.5	0	0	1776.3	-0.02
88	24	1977	0	0	0	2.47	1.77	0	0	0	-2.9	0.5	0	0	1778.8	-0.02
89	24	1977	2.54	0	0	4.14	1.91	0	0	0	-2.0	0.5	0	0	1783	-0.03
90	24	1977	4.06	0	0	3.65	0.7	0	0	0	0.0	0.5	0	0	1786.6	-0.04

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
91	24	1977	0	0	0	2.16	0.68	0	0	0	-2.6	0.5	0	0	1788.8	-0.02
92	24	1977	3.05	0	0	3.33	0.73	0	0	0	-0.7	0.5	0	0	1792.1	-0.01
93	24	1977	0	0	0	2.83	1.08	0	0	0	-3.3	0.5	0	0	1794.9	-0.03
94	24	1977	4.32	0	0	2.72	0.3	0	0	0	1.1	0.5	0	0	1797.6	-0.02
95	24	1977	4.32	0	0	2.35	0.49	0	0	0	1.5	0.5	0	0	1800	0.01
96	24	1977	0.25	0	0.15	2.4	0	0	0	0	-2.6	0.5	0	0	1802.4	-0.03
97	24	1977	0	0	0	1.63	0.33	0	0	0	-2.1	0.5	0	0	1804	-0.01
98	24	1977	1.52	0	0.58	1.95	0	0	0	0	-0.9	0.5	0	0	1806	0
99	24	1977	0	0	0	1.69	0	0	0	0	-2.2	0.5	0	0	1807.7	0
100	24	1977	0	0	0	2.15	1.22	0	0	0	-2.7	0.5	0	0	1809.8	-0.01
101	24	1977	0	0	0	3.15	2.45	0	0	0	-3.7	0.5	0	0	1813	-0.01
102	24	1977	0	0	0	3.76	2.14	0	0	0	-4.3	0.5	0	0	1816.7	-0.01
103	24	1977	1.27	0	0	5.55	2.54	0	0	0	-4.8	0.5	0	0	1822.3	-0.02
104	24	1977	0	0	0	2.76	1	0	0	0	-3.3	0.6	0	0	1825	-0.02
105	24	1977	0	0	0	2.25	1.05	0	0	0	-2.8	0.6	0	0	1827.3	-0.01
106	24	1977	0	0	0	3.57	1.42	0	0	0	-4.1	0.6	0	0	1830.9	-0.02
107	24	1977	0	0	0	2.74	1.43	0	0	0	-3.3	0.6	0	0	1833.6	0.01
108	24	1977	0	0	0	4.09	2.02	0	0	0	-4.7	0.6	0	0	1837.7	-0.01
109	24	1977	0	0	0	2.29	1.75	0	0	0	-2.9	0.6	0	0	1840	0.01
110	24	1977	0	0	0	3.07	2.24	0	0	0	-3.6	0.6	0	0	1843	-0.02
111	24	1977	0.76	0	0	3.69	2.28	0	0	0	-3.5	0.6	0	0	1846.7	-0.01
112	24	1977	21.84	0	0	4.55	1.33	0	0	0	16.7	0.6	0	0	1851.3	-0.01
113	24	1977	28.7	0	0	4.08	0.66	0	0	0	24.1	0.6	0	0	1855.4	-0.02
114	24	1977	10.16	0	0	4	0.5	0	0	0	5.6	0.6	0	0	1859.4	-0.03
115	24	1977	1.02	0	0	3.85	0.86	0	0	0	-3.4	0.6	0	0	1863.2	-0.03
116	24	1977	0	0	0	3.69	1.34	0	0	0	-4.3	0.6	0	0	1866.9	0
117	24	1977	0	0	0	3.84	1.58	0	0	0	-4.4	0.6	0	0	1870.7	-0.01
118	24	1977	0	0	0	4.9	1.7	0	0	0	-5.5	0.6	0	0	1875.6	-0.03
119	24	1977	0	0	0	4.1	1.31	0	0	0	-4.7	0.6	0	0	1879.7	-0.03
120	24	1977	0	0	0	4.02	2.01	0	0	0	-4.6	0.6	0	0	1883.7	0.01
121	24	1977	0	0	0	3.33	2.09	0	0	0	-3.9	0.6	0	0	1887.1	-0.01
122	24	1977	2.79	0	0	4.7	1.41	0	0	0	-2.5	0.6	0	0	1891.8	-0.01
123	24	1977	0	0	0	4.37	1.45	0	0	0	-5.0	0.6	0	0	1896.1	-0.02
124	24	1977	3.3	0	0	4.09	1.26	0	0	0	-1.4	0.6	0	0	1900.2	-0.01
125	24	1977	0.76	0	0	1.92	0.87	0	0	0	-1.8	0.6	0	0	1902.2	0
126	24	1977	1.27	0	0	3.56	1.72	0	0	0	-2.9	0.6	0	0	1905.7	-0.03
127	24	1977	0	0	0	3.89	1.36	0	0	0	-4.5	0.6	0	0	1909.6	-0.02
128	24	1977	0.51	0	0	3.74	1.37	0	0	0	-3.8	0.6	0	0	1913.3	-0.02
129	24	1977	3.05	0	0	3.49	0.54	0	0	0	-1.0	0.6	0	0	1916.8	-0.01
130	24	1977	0	0	0	3.17	1.48	0	0	0	-3.8	0.6	0	0	1920	-0.02
131	24	1977	0	0	0	4.66	1.92	0	0	0	-5.3	0.6	0	0	1924.7	0
132	24	1977	0	0	0	4.04	2.32	0	0	0	-4.6	0.6	0	0	1928.7	-0.02
133	24	1977	0.76	0	0	3.51	1.36	0	0	0	-3.3	0.6	0	0	1932.2	-0.01
134	24	1977	0	0	0	3.05	1.27	0	0	0	-3.6	0.6	0	0	1935.3	-0.02
135	24	1977	0	0	0	2.86	1.47	0	0	0	-3.5	0.6	0	0	1938.1	0
136	24	1977	0	0	0	2.83	1.84	0	0	0	-3.4	0.6	0	0	1940.9	0
137	24	1977	0	0	0	3.36	2.47	0	0	0	-3.9	0.6	0	0	1944.3	-0.01
138	24	1977	2.79	0	0	3.26	1.19	0	0	0	-1.0	0.6	0	0	1947.6	-0.01
139	24	1977	0	0	0	4.88	2.07	0	0	0	-5.5	0.6	0	0	1952.5	-0.02
140	24	1977	0	0	0	3.36	1.8	0	0	0	-3.9	0.6	0	0	1955.8	-0.02
141	24	1977	0	0	0	4.48	2.67	0	0	0	-5.1	0.6	0	0	1960.3	0
142	24	1977	0	0	0	6.22	3.03	0	0	0	-6.8	0.6	0	0	1966.5	-0.01
143	24	1977	0	0	0	5.03	3.03	0	0	0	-5.6	0.6	0	0	1971.5	0
144	24	1977	2.03	0	0	3.97	2.06	0	0	0	-2.5	0.6	0	0	1975.5	0
145	24	1977	0	0	0	3.41	3.11	0	0	0	-4.0	0.6	0	0	1978.9	-0.01
146	24	1977	0	0	0	3.19	2.95	0	0	0	-3.7	0.6	0	0	1982.1	-0.01
147	24	1977	0	0	0	3.21	3.08	0	0	0	-3.8	0.6	0	0	1985.3	-0.02
148	24	1977	1.78	0	0	4.2	2.45	0	0	0	-3.0	0.6	0	0	1989.5	0
149	24	1977	0	0	0	1.9	1.83	0	0	0	-2.4	0.6	0	0	1991.4	-0.01
150	24	1977	0	0	0	1.95	1.9	0	0	0	-2.5	0.5	0	0	1993.4	-0.01
151	24	1977	0	0	0	1.56	1.62	0	0	0	-2.1	0.5	0	0	1994.9	0
152	24	1977	30.99	0	0	4.21	1.77	0	0	0	26.3	0.5	0	0	1999.1	-0.01
153	24	1977	0	0	0	3.79	1.62	0	0	0	-4.3	0.5	0	0	2002.9	-0.02
154	24	1977	0	0	0	3.95	1.53	0	0	0	-4.4	0.5	0	0	2006.9	-0.04
155	24	1977	0	0	0	5.51	2.43	0	0	0	-6.0	0.5	0	0	2012.4	-0.01
156	24	1977	0	0	0	4.66	2.1	0	0	0	-5.2	0.5	0	0	2017	0
157	24	1977	0.25	0	0	4.68	1.63	0	0	0	-4.9	0.5	0	0	2021.7	-0.01
158	24	1977	0.76	0	0	2.5	1.04	0	0	0	-2.2	0.5	0	0	2024.2	-0.01
159	24	1977	0.25	0	0	2.97	1.86	0	0	0	-3.2	0.5	0	0	2027.2	-0.01
160	24	1977	3.81	0	0	3.26	0.86	0	0	0	0.1	0.5	0	0	2030.5	-0.01
161	24	1977	3.05	0	0	4.36	0.86	0	0	0	-1.8	0.5	0	0	2034.8	-0.01
162	24	1977	0	0	0	3.52	2.2	0	0	0	-4.0	0.5	0	0	2038.3	-0.01
163	24	1977	0	0	0	1.95	1.96	0	0	0	-2.4	0.5	0	0	2040.3	0
164	24	1977	0	0	0	1.61	1.66	0	0	0	-2.1	0.5	0	0	2041.9	-0.01
165	24	1977	0	0	0	2.35	2.24	0	0	0	-2.8	0.5	0	0	2044.2	-0.01
166	24	1977	0	0	0	2.24	2.06	0	0	0	-2.7	0.5	0	0	2046.5	-0.01
167	24	1977	0	0	0	1.75	1.65	0	0	0	-2.2	0.5	0	0	2048.2	-0.01
168	24	1977	2.54	0	0	2.91	0.88	0	0	0	-0.8	0.5	0	0	2051.1	0
169	24	1977	7.62	0	0	3.52	0.53	0	0	0	3.7	0.5	0	0	2054.7	-0.01
170	24	1977	0	0	0	3.07	0.95	0	0	0	-3.5	0.5	0	0	2057.7	-0.03
171	24	1977	7.37	0	0	5.51	1.06	0	0	0	1.4	0.5	0	0	2063.2	-0.01
172	24	1977	0	0	0	2.76	0.75	0	0	0	-3.2	0.4	0	0	2066	-0.02
173	24	1977	0	0	0	3.62	0.86	0	0	0	-4.0	0.4	0	0	2069.6	-0.02
174	24	1977	0	0	0	1.83	1.1	0	0	0	-2.3	0.4	0	0	2071.4	-0.01
175	24	1977	0	0	0	1.26	1.22	0	0	0	-1.7	0.4	0	0	2072.7	-0.01
176	24	1977	15.24	0	0	4.24	1.08	0	0	0	10.6	0.4	0	0	2076.9	-0.01
177	24	1977	0	0	0	3.3	1.31	0	0	0	-3.7	0.4	0	0	2080.2	-0.03
178	24	1977	0	0	0	3.88	1.36	0	0	0	-4.3	0.4	0	0	2084.1	-0.02
179	24	1977	1.78	0	0	3.89	0.83	0	0	0	-2.5	0.4	0	0	2088	-0.02
180	24	1977	9.4	0	0	5.58	1.34	0	0	0	3.4	0.4	0	0	2093.6	-0.03
181	24	1977	0.76	0	0	5.58	1.31	0	0	0	-5.2	0.4	0	0	2099.2	-0.03
182	24	1977	0.76	0	0	4.83	1.29	0	0	0	-4.5	0.4	0	0	2104	0
183	24	1977	0	0	0	1.32	1.02	0	0	0	-1.7	0.4	0	0	2105.3	-0.01
184	24	1977	0	0	0	1.13	1.03	0	0	0	-1.5	0.4	0	0	2106.5	0
185	24	1977	0.25	0	0	1.11	1.03	0	0	0	-1.3	0.4	0	0	2107.6	0
186	24	1977	0	0	0	0.86	0.93	0	0	0	-1.2	0.4	0	0	2108.4	-0.01
187	24	1977	7.62	0	0	3.94	0.38	0	0	0	3.3	0.4	0	0	2112.4	-0.01
188	24	1977	9.14	0	0	5.49	1.33	0	0	0	3.3	0.4	0	0	2117.9	-0.01
189	24	1977	8.89	0	0	3.2	0.58	0	0	0	5.3	0.4	0	0	2121.1	-0.02
190	24	1977	0	0	0	2.95	1.57	0	0	0	-3.3	0.4	0	0	2124	-0.02
191	24	1977	0	0	0	4.03	1.47	0	0	0	-4.4	0.4	0	0	2128	-0.02
192	24	1977	0.51	0	0	4.2	1.25	0	0	0	-4.0	0.4	0	0	2132.2	-0.01
193	24	1977	7.37	0	0	5.46	1.18	0	0	0	1.6	0.4	0	0	2137.7	-0.02
194	24	1977	0	0	0	4.69	1.37	0	0	0	-5.0	0.4	0	0	2142.4	-0.04
195	24	1977	0	0	0	2.47	0.99	0	0	0	-2.8	0.4	0	0	2144.9	-0.02
196	24	1977	44.45	0	0	4.55	1.91	0	0	0	39.6	0.4	0	0	2149.4	-0.01
197	24	1977	1.27	0	0	4.05	1.93	0	0	0	-3.1	0.3	0	0	2153.5	0.01
198	24	1977	0.76	0	0	5.03	2.31	0	0	0	-4.6	0.3	0	0	2158.5	-0.04
199	24	1977	0	0	0	5.87	2.62	0	0	0	-6.2	0.3	0	0	2164.4	-0.02
200	24	1977	3.81	0	0	6.2	2.32	0	0	0	-2.7	0.3	0	0	2170.6	0
201	24	1977	0	0	0	5.61	2.62	0	0	0	-5.9	0.3	0	0	2176.2	-0.02
202	24	1977	0	0	0	4.74	2.33	0	0	0	-5.0	0.3	0	0	2180.9	-0.02
203	24	1977	0	0	0	4.55	1.95	0	0	0	-4.8	0.3	0	0	2185.5	-0.03
204	24	1977	0	0	0	4.24	2.34	0	0	0	-4.6	0.3	0	0	2189.7	-0.01
205	24	1977	0	0	0	3.49	2.99	0	0	0	-3.8	0.3	0	0	2193.2	0
206	24	1977	5.33	0	0	4.12	1.34	0	0	0	0.9	0.3	0	0	2197.3	-0.01
207	24	1977	0	0	0	4.09	1.68	0	0	0	-4.4	0.3	0	0	2201.4	-0.02
208	24	1977	0	0	0	1.85	1.48	0	0	0	-2.1	0.3	0	0	2203.3	-0.01
209	24	1977	0	0	0	1.73	1.6	0	0	0	-2.0	0.3	0	0	2205	-0.01
210	24	1977	16.51	0	0	3.7	1.46	0	0	0	12.5	0.3	0	0	2208.7	-0.01
211	24	1977	14.22	0	0	4.52	1.29	0	0	0	9.4	0.3	0	0	2213.2	-0.02
212	24	1977	0	0	0	3.79	2.12	0	0	0	-4.1	0.3	0	0	2217	-0.03
213	24	1977	2.54	0	0	5.71	1.93	0	0	0	-3.4	0.3	0	0	2222.7	-0.03
214	24	1977	0	0	0	4.44	2.12	0	0	0	-4.7	0.3	0	0	2227.1	-0.02
215	24	1977	0.25	0	0	2.89	1.63	0	0	0	-2.9	0.3	0	0	2230	-0.03
216	24	1977	2.54	0	0	4.67	1.52	0	0	0	-2.4	0.3	0	0	2234.7	-0.02
217	24	1977	2.03	0	0	4.57	1.63	0	0	0	-2.8	0.3	0	0	2239.3	-0.04
218	24	1977	11.18	0	0	2.89	0.68	0	0	0	8.0	0.3	0	0	2242.2	0.01
219	24	1977	5.84	0	0	2.37	0.27	0	0	0	3.2	0.3	0	0	2244.5	-0.02
220	24	1977	16.51	0	0	4.17	1.45	0	0	0	12.1	0.3	0	0	2248.7	-0.01
221	24	1977	0	0	0	4.12	2.18	0	0	0	-4.4	0.3	0	0	2252.8	-0.02
222	24	1977	12.95	0	0	5.48	1.95	0	0	0	7.2	0.3	0	0	2258.3	-0.03
223	24	1977	9.14	0	0	4.44	1.67	0	0	0	4.5	0.3	0	0	2262.7	-0.02
224	24	1977	7.62	0	0	3.56	0.75	0	0	0	3.8	0.3	0	0	2266.3	-0.04
225	24	1977	0	0	0	5.1	2.85	0	0	0	-5.3	0.3	0	0	2271.4	-0.04
226	24	1977	26.67	0	0	4.86	1.52	0	0	0	21.6	0.3	0	0	2276.3	-0.04
227	24	1977	0	0	0	4.2	2.25	0	0	0	-4.4	0.3	0	0	2280.5	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
228	24	1977	3.81	0	0	4.4	1.43	0	0	0	-0.8	0.3	0	0	2284.9	-0.03
229	24	1977	0.25	0	0	2.96	1.72	0	0	0	-2.9	0.3	0	0	2287.8	-0.06
230	24	1977	0	0	0	4.25	2.16	0	0	0	-4.5	0.3	0	0	2292.1	-0.03
231	24	1977	0	0	0	4.16	2.47	0	0	0	-4.4	0.3	0	0	2296.2	-0.02
232	24	1977	0.25	0	0	3.18	1.66	0	0	0	-3.2	0.3	0	0	2299.4	-0.03
233	24	1977	2.03	0	0	4.96	2	0	0	0	-3.2	0.3	0	0	2304.4	-0.03
234	24	1977	5.59	0	0	4.91	1.6	0	0	0	0.5	0.3	0	0	2309.3	-0.02
235	24	1977	0	0	0	3.97	2.5	0	0	0	-4.2	0.2	0	0	2313.3	-0.04
236	24	1977	11.18	0.3	0	2.36	0.08	0	0	0	8.3	0.2	0	0	2315.6	-0.03
237	24	1977	0	0	0	2.66	1.5	0	0	0	-2.6	0.2	0	0	2318.3	-0.01
238	24	1977	0	0	0	4.07	2.84	0	0	0	-4.3	0.2	0	0	2322.3	-0.03
239	24	1977	0	0	0	3.45	2.77	0	0	0	-3.7	0.2	0	0	2325.8	-0.03
240	24	1977	0	0	0	2.95	2.78	0	0	0	-3.2	0.2	0	0	2328.7	0.01
241	24	1977	4.06	0	0	4.3	1.67	0	0	0	-0.5	0.2	0	0	2333.1	-0.02
242	24	1977	0.76	0	0	3.98	2.21	0	0	0	-3.4	0.2	0	0	2337	-0.05
243	24	1977	0	0	0	3.02	2.35	0	0	0	-3.2	0.2	0	0	2340.1	-0.05
244	24	1977	4.83	0	0	4.83	1.93	0	0	0	-0.2	0.2	0	0	2344.9	0
245	24	1977	0	0	0	3.8	2.69	0	0	0	-4.0	0.2	0	0	2348.7	-0.05
246	24	1977	1.52	0	0	2.84	1.13	0	0	0	-1.5	0.2	0	0	2351.5	-0.05
247	24	1977	0	0	0	3.87	2.81	0	0	0	-4.1	0.2	0	0	2355.4	-0.04
248	24	1977	0.51	0	0	2.65	1.71	0	0	0	-2.3	0.2	0	0	2358	-0.03
249	24	1977	0	0	0	3.05	1.99	0	0	0	-3.2	0.2	0	0	2361.1	-0.04
250	24	1977	0	0	0	3	2.13	0	0	0	-3.2	0.2	0	0	2364.1	-0.03
251	24	1977	0	0	0	2.96	2.15	0	0	0	-3.1	0.2	0	0	2367.1	-0.04
252	24	1977	0	0	0	4.01	2.92	0	0	0	-4.2	0.2	0	0	2371.1	0.01
253	24	1977	0	0	0	2.69	1.94	0	0	0	-2.9	0.2	0	0	2373.8	-0.04
254	24	1977	0	0	0	1.89	1.09	0	0	0	-2.1	0.2	0	0	2375.6	-0.03
255	24	1977	0	0	0	2.06	1.53	0	0	0	-2.2	0.2	0	0	2377.7	-0.04
256	24	1977	29.46	0	0	3.94	0.87	0	0	0	25.3	0.2	0	0	2381.6	0
257	24	1977	5.08	0	0	3.96	0.6	0	0	0	1.0	0.2	0	0	2385.6	-0.06
258	24	1977	0	0	0	2.88	2.29	0	0	0	-3.0	0.2	0	0	2388.5	-0.07
259	24	1977	32.26	0.05	0	3.1	0.19	0	0	0	28.9	0.2	0	0	2391.6	0.02
260	24	1977	3.81	0	0	3.03	0.25	0	0	0	0.7	0.2	0	0	2394.6	-0.02
261	24	1977	29.97	0.53	0	2.52	0.17	0	0	0	26.7	0.2	0	0	2397.1	0
262	24	1977	0.51	0	0	2.63	1.37	0	0	0	-1.8	0.2	0	0	2399.8	-0.04
263	24	1977	23.88	0	0	4	0.59	0	0	0	19.7	0.2	0	0	2403.8	-0.06
264	24	1977	0	0	0	2.99	1.92	0	0	0	-3.1	0.2	0	0	2406.8	-0.05
265	24	1977	0.76	0	0	2.26	1.15	0	0	0	-1.7	0.2	0	0	2409	-0.03
266	24	1977	0	0	0	3.05	2.57	0	0	0	-3.2	0.2	0	0	2412.1	-0.03
267	24	1977	11.94	0	0	4.03	0.45	0	0	0	7.7	0.2	0	0	2416.1	-0.03
268	24	1977	7.62	0.05	0	3.94	0.4	0	0	0	3.5	0.2	0	0	2420	-0.03
269	24	1977	5.08	0	0	5.07	1.66	0	0	0	-0.1	0.2	0	0	2425.1	-0.02
270	24	1977	0	0	0	3.83	3.25	0	0	0	-4.0	0.2	0	0	2428.9	-0.06
271	24	1977	1.27	0	0	3.42	1.77	0	0	0	-2.3	0.2	0	0	2432.4	-0.01
272	24	1977	0	0	0	3.49	2.71	0	0	0	-3.6	0.2	0	0	2435.9	-0.07
273	24	1977	7.62	0.8	0	2.54	0.27	0	0	0	4.1	0.2	0	0	2438.4	0.02
274	24	1977	12.7	1.22	0	2.04	0	0	0	0	10.1	0.2	0	0	2440.4	-0.01
275	24	1977	4.32	1.47	0	2.24	0	0	0	0	1.7	0.2	0	0	2442.7	-0.01
276	24	1977	6.6	0.17	0	4.05	0	0	0	0	3.7	0.2	0	0	2446.7	-0.01
277	24	1977	0	0	0	2.99	2.31	0	0	0	-3.0	0.2	0	0	2449.7	-0.03
278	24	1977	0	0	0	3.36	2.88	0	0	0	-3.5	0.2	0	0	2453.1	-0.02
279	24	1977	1.27	0	0	3.48	1.82	0	0	0	-2.4	0.2	0	0	2456.6	-0.02
280	24	1977	0	0	0	2.16	1.44	0	0	0	-2.3	0.2	0	0	2458.7	-0.03
281	24	1977	5.59	0	0	3.4	0.27	0	0	0	2.0	0.2	0	0	2462.1	-0.01
282	24	1977	26.67	0	0	3.42	0.58	0	0	0	23.1	0.2	0	0	2465.5	0.03
283	24	1977	0	0	0	2.62	1.95	0	0	0	-2.8	0.2	0	0	2468.2	-0.04
284	24	1977	0.25	0	0	3.57	2.84	0	0	0	-3.5	0.2	0	0	2471.7	-0.04
285	24	1977	1.78	0	0	3.52	1.49	0	0	0	-1.9	0.2	0	0	2475.2	-0.03
286	24	1977	0	0	0	1.75	1.23	0	0	0	-1.9	0.2	0	0	2477	-0.02
287	24	1977	1.02	0	0	1.44	0.34	0	0	0	-0.6	0.2	0	0	2478.4	-0.03
288	24	1977	0.51	0	0	2.41	1.66	0	0	0	-2.1	0.2	0	0	2480.9	-0.02
289	24	1977	25.15	0.67	0	2.32	0.19	0	0	0	22.0	0.2	0	0	2483.2	0
290	24	1977	32.77	0	0	3.92	0.2	0	0	0	29.4	0.2	0	0	2487.1	-0.02
291	24	1977	0.25	0	0	1.75	1.12	0	0	0	-1.6	0.2	0	0	2488.8	-0.04
292	24	1977	0.25	0	0	1.47	1.02	0	0	0	-1.4	0.2	0	0	2490.3	0
293	24	1977	0	0	0	1.88	1.53	0	0	0	-2.0	0.2	0	0	2492.2	0
294	24	1977	0	0	0	2.34	2.1	0	0	0	-2.5	0.2	0	0	2494.5	-0.01
295	24	1977	1.52	0	0	2.58	1.09	0	0	0	-1.2	0.2	0	0	2497.1	-0.03
296	24	1977	0	0	0	1.38	0.83	0	0	0	-1.5	0.2	0	0	2498.5	-0.03
297	24	1977	0	0	0	1.91	1.63	0	0	0	-2.1	0.2	0	0	2500.4	-0.02
298	24	1977	0	0	0	2.15	2.02	0	0	0	-2.3	0.2	0	0	2502.6	-0.02
299	24	1977	0	0	0	1.82	1.81	0	0	0	-2.0	0.2	0	0	2504.4	0
300	24	1977	0	0	0	1.16	1.02	0	0	0	-1.3	0.2	0	0	2505.5	-0.03
301	24	1977	0	0	0	1.51	1.1	0	0	0	-1.6	0.2	0	0	2507	-0.04
302	24	1977	0	0	0	1.49	1.24	0	0	0	-1.6	0.2	0	0	2508.5	-0.03
303	24	1977	0	0	0	1.74	1.46	0	0	0	-1.9	0.2	0	0	2510.3	-0.03
304	24	1977	0	0	0	2.18	1.77	0	0	0	-2.3	0.2	0	0	2512.5	-0.02
305	24	1977	0	0	0	2.11	1.86	0	0	0	-2.3	0.2	0	0	2514.6	-0.01
306	24	1977	0	0	0	1.91	1.87	0	0	0	-2.1	0.2	0	0	2516.5	-0.02
307	24	1977	0	0	0	1.69	1.67	0	0	0	-1.9	0.2	0	0	2518.2	-0.01
308	24	1977	21.34	0.86	0	1.25	0.1	0	0	0	19.1	0.2	0	0	2519.4	-0.01
309	24	1977	0	0	0	1.71	0.53	0	0	0	-1.0	0.2	0	0	2521.1	-0.01
310	24	1977	0	0	0	1.15	0.99	0	0	0	-1.3	0.2	0	0	2522.3	-0.02
311	24	1977	20.83	0.53	0	1.8	0.05	0	0	0	18.4	0.2	0	0	2524.1	-0.05
312	24	1977	6.35	0	0	2.45	0	0	0	0	4.3	0.2	0	0	2526.5	-0.02
313	24	1977	0	0	0	1.14	1.09	0	0	0	-1.3	0.2	0	0	2527.7	0
314	24	1977	25.91	0	0	2.48	0.2	0	0	0	23.3	0.2	0	0	2530.2	-0.08
315	24	1977	2.79	0.07	0	2.56	0	0	0	0	0.0	0.2	0	0	2532.7	-0.02
316	24	1977	0	0	0	0.8	0	0	0	0	-0.9	0.2	0	0	2533.5	-0.01
317	24	1977	0.25	0	0	0.92	0	0	0	0	-0.8	0.2	0	0	2534.4	-0.01
318	24	1977	0	0	0	0.66	0	0	0	0	-0.8	0.2	0	0	2535.1	-0.01
319	24	1977	0.51	0	0	1.07	0.59	0	0	0	-0.7	0.2	0	0	2536.2	0
320	24	1977	1.78	0	0	2.32	1.2	0	0	0	-0.7	0.2	0	0	2538.5	0
321	24	1977	5.59	0.95	0	1.16	0.02	0	0	0	3.3	0.2	0	0	2539.6	0
322	24	1977	2.54	0.15	0	2.83	0	0	0	0	0.3	0.2	0	0	2542.5	-0.01
323	24	1977	5.84	0.97	0	1.29	0	0	0	0	3.6	0.2	0	0	2543.8	-0.01
324	24	1977	0.25	0	0	1.43	0	0	0	0	-0.4	0.2	0	0	2545.2	-0.01
325	24	1977	13.72	0.79	0	1.16	0.04	0	0	0	11.5	0.2	0	0	2546.3	0.04
326	24	1977	0	0	0	1.21	0	0	0	0	-0.6	0.2	0	0	2547.5	-0.01
327	24	1977	2.03	0	0	1.38	0	0	0	0	0.5	0.2	0	0	2548.9	0
328	24	1977	0	0	0	0.75	0.62	0	0	0	-1.0	0.2	0	0	2549.7	0.01
329	24	1977	3.05	0.3	0	1.99	0	0	0	0	0.6	0.2	0	0	2551.7	-0.02
330	24	1977	14.48	0.74	0	1.14	0	0	13.23	0	-0.5	0.2	0	0	2552.8	0
331	24	1977	2.79	0.77	0.65	1.29	0	0	1.01	0	0.2	0.2	0	0	2554.1	0
332	24	1977	1.78	1.02	2.04	0.62	0	0	-0.94	0	1.6	0.2	0	0	2554.7	0
333	24	1977	0	0	2.23	1.03	0	0	-2.06	0	1.8	0.2	0	0	2555.7	0
334	24	1977	3.05	1.16	2.5	0.56	0	0	-1.01	0	2.1	0.2	0	0	2556.3	0
335	24	1977	6.6	0.21	14.99	1.47	0	0	-8.78	0	14.6	0.2	0	0	2557.8	0
336	24	1977	0.76	0	1.28	1.32	0.5	0	-1.46	0	0.9	0.2	0	0	2559.1	-0.01
337	24	1977	2.54	0.84	0	0.87	0	0	0	0	0.6	0.3	0	0	2559.9	0
338	24	1977	0	0	0	1.23	0	0	0	0	-0.6	0.3	0	0	2561.2	-0.01
339	24	1977	14.22	1.12	0	0.77	0	0	12.69	0	-0.6	0.3	0	0	2561.9	-0.01
340	24	1977	3.81	1.17	0	0.36	0	0	3.48	0	-0.4	0.3	0	0	2562.3	0
341	24	1977	3.05	1.2	0	0.33	0	0	2.82	0	-0.4	0.3	0	0	2562.6	0
342	24	1977	2.79	1.06	0	0.42	0	0	2.62	0	-0.4	0.3	0	0	2563.1	0
343	24	1977	2.29	0	0	1.63	0	0	1.8	0	-0.4	0.3	0	0	2564.7	-0.01
344	24	1977	0.76	0	0	0.43	0	0	0.5	0	-0.5	0.3	0	0	2565.1	-0.01
345	24	1977	0	0	0	0.04	0	0	0.17	0	-0.5	0.3	0	0	2565.2	0
346	24	1977	1.52	0	0	0.81	0	0	0.9	0	-0.5	0.3	0	0	2566	0
347	24	1977	4.57	0.62	0	0.8	0	0	3.23	0	-0.4	0.3	0	0	2566.8	0.01
348	24	1977	41.66	0.92	41.99	0.5	0	0	-1.12	0	41.6	0.3	0	0	2567.3	-0.01
349	24	1977	2.54	0.94	2.6	0.58	0	0	-0.65	0	2.2	0.4	0	0	2567.8	0
350	24	1977	0	0.06	1.87	0.87	0	0	-1.8	0	1.4	0.4	0	0	2568.7	0
351	24	1977	0	0	1.46	0.1	0	0	-1.41	0	1.0	0.4	0	0	2568.8	0
352	24	1977	2.29	0	0.25	1.3	0	0	0.82	0	-0.2	0.4	0	0	2570.1	-0.01
353	24	1977	3.56	0.71	3.19	0.8	0	0	-1.09	0	2.7	0.4	0	0	2570.9	0
354	24	1977	0.51	0	2.16	1	0	0	-1.86	0	1.7	0.4	0	0	2571.9	0
355	24	1977	15.75	0.97	15.35	0.58	0	0	-1.11	0	14.9	0.4	0	0	2572.5	0.01
356	24	1977	0	0	0.33	1.04	0	0	-0.34	0	-0.2	0.4	0	0	2573.5	0
357	24	1977	0	0	1.31	0.06	0	0	-1.3	0	0.8	0.4	0	0	2573.6	0
358	24	1977	0	0	2.2	0.4	0.37	0	-2.17	0	1.3	0.5	0	0	2574	0
359	24	1977	0.76	0	1.24	1	0.5	0	-0.86	0	0.2	0.5	0	0	2575	-0.02
360	24	1977	0	0	0	0.39	0	0	-0.12	0	-0.8	0.5	0	0	2575.4	0
361	24	1977	0	0	0	0.31	0	0	-0.06	0	-0.8	0.5	0	0	2575.7	0
362	24	1977	0	0	0	0.26	0	0	0.01	0	-0.8	0.5	0	0	2575.9	0
363	24	1977	0	0	0	0.18	0	0	0	0	-0.8	0.6	0	0	2576.1	0
364	24	1977	0	0	0.45	0.03	0	0	-0.43	0	-0.7	0.6	0.45	0	2576.2	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
365	24	1977	0	0	0.13	0.11	0	0	-0.13	0	-0.7	0.6	0.13	0	2576.3	0
1	24	1978	5.08	0.59	0	0.98	0	0	3.63	0	-0.8	0.7	0	0	2577.2	-0.01
2	24	1978	3.05	0.11	0	1.54	0	0	2.04	0	-0.7	0.7	0	0	2578.8	0
3	24	1978	0.76	0	0	0.54	0	0	0.41	0	-0.8	0.7	0	0	2579.3	0
4	24	1978	1.27	0	0	0.67	0	0	0.67	0	-0.8	0.7	0	0	2580	-0.01
5	24	1978	0	0	0.08	-0.01	0	0	-0.04	0	-0.8	0.8	0.08	0	2580	0
6	24	1978	0	0	0.02	0.01	0	0	0.02	0	-0.9	0.8	0.02	0	2580	0
7	24	1978	0.76	0	0.04	0.42	0	0	0.32	0	-0.9	0.8	0.04	0	2580.4	-0.01
8	24	1978	8.89	0	9.32	1.58	0.14	0	-1.91	0	-1.0	0.9	9.32	0	2582	0
9	24	1978	17.53	0	0.09	1.85	0.47	0	16.13	0	-1.4	0.9	0.09	0	2583.9	-0.01
10	24	1978	5.08	0.13	0	0.98	0	0	4.01	0	-1.0	0.9	0	0	2584.8	0
11	24	1978	0	0	0	0.14	0	0	0.02	0	-1.0	0.9	0	0	2585	0
12	24	1978	0	0	0	0.03	0	0	-0.01	0	-1.0	1.0	0	0	2585	0
13	24	1978	0.51	0	0	0.26	0	0	0.27	0	-1.0	1.0	0	0	2585.3	0
14	24	1978	11.94	0.06	0	0.88	0	0	11.03	0	-1.0	1.0	0	0	2586.1	0
15	24	1978	1.02	0	0	0.43	0	0	0.66	0	-1.0	1.0	0	0	2586.6	0
16	24	1978	0.25	0	0	0.18	0	0	0.1	0	-1.0	1.0	0	0	2586.7	0
17	24	1978	13.46	0.24	0	0.47	0	0	12.77	0	-1.1	1.0	0	0	2587.2	0
18	24	1978	8.64	0	0	0.68	0	0	8.21	0	-1.1	1.0	0	0	2587.9	0
19	24	1978	0	0	0	0.04	0	0	-0.02	0	-1.1	1.0	0	0	2587.9	0
20	24	1978	29.72	0	0	0.03	0	0	29.71	0	-1.1	1.0	0	0	2588	0
21	24	1978	6.86	0	0	0	0	0	6.89	0	-1.1	1.1	0	0	2588	0
22	24	1978	0	0	0	0.03	0	0	-0.01	0	-1.1	1.1	0	0	2588	0
23	24	1978	0	0	0	0.01	0	0	0.01	0	-1.1	1.1	0	0	2588	0
24	24	1978	1.27	0	0	0.27	0	0	1.02	0	-1.1	1.1	0	0	2588.3	0
25	24	1978	10.16	0.1	6.46	0.19	0	0	3.4	0	-1.0	1.1	6.46	0	2588.5	0
26	24	1978	13.21	0	3.16	0.69	0.14	0	9.59	0	-1.2	1.1	3.14	0	2589.2	-0.01
27	24	1978	1.78	0	0.8	0.55	0	0	0.43	0	-0.7	1.1	0.43	0	2589.7	-0.01
28	24	1978	2.54	0	0	0.34	0	0	2.19	0	-1.0	1.0	0	0	2590	0
29	24	1978	1.02	0	0	0.18	0	0	0.85	0	-1.0	1.0	0	0	2590.2	0
30	24	1978	1.27	0	0	0.17	0	0	1.12	0	-1.1	1.0	0	0	2590.4	0
31	24	1978	0.51	0	0	0.14	0	0	0.39	0	-1.1	1.0	0	0	2590.5	0
32	24	1978	0.51	0	0	0.25	0	0	0.29	0	-1.1	1.0	0	0	2590.8	-0.01
33	24	1978	0	0	0	0.06	0	0	-0.04	0	-1.0	1.0	0	0	2590.8	0
34	24	1978	0	0	0	0.06	0	0	-0.03	0	-1.0	1.0	0	0	2590.9	0
35	24	1978	0	0	0	0.07	0	0	-0.03	0	-1.1	1.0	0	0	2591	0
36	24	1978	0	0	0	0.07	0	0	-0.03	0	-1.1	1.0	0	0	2591.1	0
37	24	1978	8.13	0	0	0.06	0	0	8.11	0	-1.0	1.0	0	0	2591.1	0
38	24	1978	1.02	0	0	0.15	0	0	0.9	0	-1.0	1.0	0	0	2591.3	0
39	24	1978	0	0	0	0.03	0	0	-0.01	0	-1.0	1.0	0	0	2591.3	0
40	24	1978	0	0	0	0.06	0	0	-0.03	0	-1.0	1.0	0	0	2591.4	0
41	24	1978	1.02	0	0	0.18	0	0	0.86	0	-1.0	1.0	0	0	2591.5	0
42	24	1978	1.02	0	0	0.01	0	0	1.03	0	-1.0	1.0	0	0	2591.6	0
43	24	1978	0.51	0	0	0.14	0	0	0.39	0	-1.0	1.0	0	0	2591.7	0
44	24	1978	0.51	0	0	0.15	0	0	0.38	0	-1.0	1.0	0	0	2591.8	0
45	24	1978	0	0	0	0.08	0	0	-0.06	0	-1.0	1.0	0	0	2591.9	0
46	24	1978	0	0	0	0.09	0	0	-0.06	0	-1.0	0.9	0	0	2592	0
47	24	1978	0	0	0	0.09	0	0	-0.06	0	-1.0	0.9	0	0	2592.1	0
48	24	1978	0	0	0	0.12	0	0	-0.09	0	-1.0	0.9	0	0	2592.2	0
49	24	1978	0	0	0	0.17	0	0	-0.14	0	-1.0	0.9	0	0	2592.4	0
50	24	1978	0	0	0	0.08	0	0	-0.05	0	-1.0	0.9	0	0	2592.5	0
51	24	1978	0	0	0	0.17	0	0	-0.13	0	-0.9	0.9	0	0	2592.7	0
52	24	1978	0	0	0	0.11	0	0	-0.08	0	-0.9	0.9	0	0	2592.8	0
53	24	1978	1.78	0	0	0.27	0	0	1.54	0	-0.9	0.9	0	0	2593	0
54	24	1978	0	0	0	0.24	0	0	-0.21	0	-0.9	0.9	0	0	2593.3	0
55	24	1978	0	0	0	0.26	0	0	-0.24	0	-0.9	0.9	0	0	2593.5	0
56	24	1978	2.03	0	0	0.28	0	0	1.77	0	-0.9	0.9	0	0	2593.8	0
57	24	1978	2.79	0	0	0.31	0	0	2.5	0	-0.9	0.9	0	0	2594.1	0
58	24	1978	1.02	0	0	0.2	0	0	0.84	0	-0.9	0.9	0	0	2594.3	0
59	24	1978	0	0	0	0.12	0	0	-0.1	0	-0.9	0.9	0	0	2594.5	0
60	24	1978	0.51	0	0	0.19	0	0	0.35	0	-0.9	0.8	0	0	2594.7	0
61	24	1978	0	0	0	0.18	0	0	-0.14	0	-0.9	0.8	0	0	2594.8	0
62	24	1978	3.3	0	0	0.17	0	0	3.17	0	-0.9	0.8	0	0	2595	0
63	24	1978	1.27	0	0	0.18	0	0	1.12	0	-0.9	0.8	0	0	2595.2	0
64	24	1978	1.27	0	0	0.22	0	0	1.08	0	-0.8	0.8	0	0	2595.4	0
65	24	1978	1.52	0	0	0.33	0	0	1.22	0	-0.8	0.8	0	0	2595.7	0
66	24	1978	0	0	0	0.16	0	0	-0.14	0	-0.8	0.8	0	0	2595.9	0
67	24	1978	0	0	0	0.12	0	0	-0.1	0	-0.8	0.8	0	0	2596	0
68	24	1978	0	0	0	0.17	0	0	-0.14	0	-0.8	0.8	0	0	2596.2	0
69	24	1978	0	0	0	0.17	0.06	0	-0.09	0	-0.9	0.8	0	0	2596.3	0
70	24	1978	0.25	0	0	0.19	0	0	0.07	0	-0.8	0.8	0	0	2596.5	0
71	24	1978	0	0	2.56	0.14	0.14	0	-2.56	0	1.7	0.8	0	0	2596.7	0
72	24	1978	0	0	5.94	0.2	0.16	0	-5.98	0	5.0	0.8	0	0	2596.9	0
73	24	1978	1.27	0	21.24	0.34	0.32	0	-19.99	0	20.2	0.8	0	0	2597.2	0
74	24	1978	0.76	0	11.63	0.34	0	0	-11.21	0	10.9	0.8	0	0	2597.5	-0.01
75	24	1978	0	0	4.79	0.29	0	0	-5.08	0	4.1	0.8	0	0	2597.8	0
76	24	1978	0	0	0.83	0.52	0	0	-1.35	0	0.1	0.7	0	0	2598.4	0
77	24	1978	0.51	0	3.62	0.58	0	0	-3.69	0	2.9	0.7	0	0	2598.9	0
78	24	1978	0.25	0	12.13	0.65	0.23	0	-12.3	0	11.2	0.7	0	0	2599.6	0
79	24	1978	0	0	11.58	0.61	0.51	0	-11.67	0	10.4	0.7	0	0	2600.2	-0.01
80	24	1978	12.95	0	33.64	1.59	0.92	0	-21.36	0	32.0	0.7	0	0	2601.8	0
81	24	1978	5.59	0	23.47	1.26	0.36	0	-18.79	0	22.4	0.7	0	0	2603	-0.01
82	24	1978	2.54	0	18.98	1.55	0.53	0	-17.43	0	17.7	0.7	0	0	2604.6	-0.01
83	24	1978	0	0	6.12	0.44	0	0	-6.48	0	5.3	0.7	0	0	2605	0
84	24	1978	0.51	0	3.99	0.51	0	0	-3.9	0	3.2	0.7	0	0	2605.5	0
85	24	1978	33.78	0	0.85	0.73	0	0	32.22	0	0.1	0.7	0	0	2606.3	0.01
86	24	1978	9.65	0	14.98	0.68	0	0	-6.01	0	14.3	0.7	0	0	2607	0
87	24	1978	0.76	0	9.44	0.81	0.63	0	-8.85	0	8.1	0.7	0	0	2607.8	0
88	24	1978	0.25	0	5.25	0.53	0.31	0	-5.22	0	4.2	0.8	0	0	2608.3	0
89	24	1978	0	0	4.45	0.6	0.47	0	-4.56	0	3.2	0.8	0	0	2608.9	0
90	24	1978	1.27	0	8.83	1.3	0.76	0	-8.1	0	7.2	0.9	0	0	2610.2	0
91	24	1978	4.32	0	10.95	2.08	1	0	-9.76	0	11.1	1.0	0	0	2612.3	-0.01
92	24	1978	0	0	0	1.6	0	0	0	0	-2.7	1.1	0	0	2613.9	-0.01
93	24	1978	0	0	0	0.75	0	0	0	0	-2.0	1.2	0	0	2614.6	0.01
94	24	1978	9.65	0	0	2.25	0.73	0	0	0	6.0	1.4	0	0	2616.9	0.03
95	24	1978	1.02	0	0	2.12	0.72	0	0	0	-2.7	1.6	0	0	2619	-0.02
96	24	1978	0.76	0	0	1.77	0.71	0	0	0	-2.8	1.8	0	0	2620.7	-0.03
97	24	1978	6.86	0	0	2.57	0.37	0	0	0	2.2	2.1	0	0	2623.3	-0.01
98	24	1978	0	0	0	1.85	0	0	0	0	-4.2	2.4	0	0	2625.2	-0.02
99	24	1978	0	0	0	1.14	0	0	0	0	-3.8	2.7	0	0	2626.3	0
100	24	1978	0	0	0	2.83	1.19	0	0	0	-5.7	2.9	0	0	2629.1	-0.01
101	24	1978	8.64	0	0	4.12	1.47	0	0	0	1.4	3.1	0	0	2633.3	-0.01
102	24	1978	1.52	0	0	3.56	1.37	0	0	0	-5.3	3.3	0	0	2636.8	-0.04
103	24	1978	0	0	0	3.69	1.95	0	0	0	-7.1	3.5	0	0	2640.5	-0.02
104	24	1978	1.02	0	0	2.22	0	0	0	0	-4.7	3.6	0	0	2642.7	-0.03
105	24	1978	0.51	0	0	1.7	0.29	0	0	0	-4.8	3.6	0	0	2644.4	-0.02
106	24	1978	0	0	0	2.02	0.97	0	0	0	-5.7	3.7	0	0	2646.5	-0.02
107	24	1978	0	0	0	2.43	1.06	0	0	0	-6.1	3.7	0	0	2648.9	0
108	24	1978	0	0	0	3.79	1.66	0	0	0	-7.4	3.7	0	0	2652.7	-0.01
109	24	1978	3.3	0	0	4.12	0.86	0	0	0	-4.4	3.6	0	0	2656.8	-0.01
110	24	1978	8.89	0	0	3.25	0.35	0	0	0	2.1	3.6	0	0	2660	-0.01
111	24	1978	1.02	0	0	2.58	0	0	0	0	-5.0	3.5	0	0	2662.6	-0.05
112	24	1978	0	0	0	2.02	0.75	0	0	0	-5.4	3.4	0	0	2664.6	-0.01
113	24	1978	0	0	0	3.51	1.4	0	0	0	-6.9	3.4	0	0	2668.1	0.01
114	24	1978	0	0	0	3.8	1.57	0	0	0	-7.1	3.3	0	0	2671.9	0
115	24	1978	0	0	0	2.35	1.36	0	0	0	-5.5	3.2	0	0	2674.3	0
116	24	1978	0	0	0	2.45	1.49	0	0	0	-5.6	3.1	0	0	2676.7	0
117	24	1978	0	0	0	2.83	1.64	0	0	0	-5.8	3.0	0	0	2679.6	0
118	24	1978	0	0	0	3.75	1.69	0	0	0	-6.7	2.9	0	0	2683.3	-0.02
119	24	1978	0	0	0	3.46	1.72	0	0	0	-6.3	2.9	0	0	2686.8	-0.01
120	24	1978	0	0	0	3.23	0	0	0	0	-6.0	2.8	0	0	2690	-0.03
121	24	1978	0	0	0	1.54	0	0	0	0	-4.2	2.7	0	0	2691.5	-0.01
122	24	1978	0	0	0	3.23	1.01	0	0	0	-5.8	2.6	0	0	2694.8	-0.01
123	24	1978	0	0	0	2.54	1.22	0	0	0	-5.1	2.6	0	0	2697.3	-0.01
124	24	1978	0	0	0	2.12	1.09	0	0	0	-4.6	2.5	0	0	2699.4	0
125	24	1978	3.56	0	0	3.98	0.91	0	0	0	-2.8	2.4	0	0	2703.4	-0.01
126	24	1978	3.05	0	0	2.02	0.2	0	0	0	-1.3	2.3	0	0	2705.4	0
127	24	1978	2.03	0	0	4.18	1.46	0	0	0	-4.4	2.3	0	0	2709.6	-0.01
128	24	1978	5.08	0	0	5.47	2	0	0	0	-2.6	2.2	0	0	2715.1	-0.02
129	24	1978	10.41	0	0	5.24	2.07	0	0	0	3.0	2.2	0	0	2720.3	0
130	24	1978	0	0	0	4.24	1.79	0	0	0	-6.3	2.1	0	0	2724.6	-0.03
131	24	1978	0	0	0	4.17	2.43	0	0	0	-6.2	2.0	0	0	2728.7	-0.02
132	24	1978	0	0	0	3.87	2.42	0	0	0	-5.8	2.0	0	0	2732.6	-0.01
133	24	1978	0	0	0	3.16	2.13	0	0	0	-5.1	1.9	0	0	2735.8	-0.01
134	24	1978	0.51	0	0	5.08	2.66	0	0	0	-6.4	1.9	0	0	2740.8	-0.05
135	24	1978	0	0	0	3.84	1.99	0	0	0	-5.6	1.8	0	0	2744.7	-0.04
136	24	1978	6.1	0	0	4.73	1.6	0	0	0	-0.4	1.8	0	0	2749.4	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
137	24	1978	0.76	0	0	4.43	1.88	0	0	0	-5.4	1.7	0	0	2753.8	-0.01
138	24	1978	0	0	0	3.84	2.18	0	0	0	-5.5	1.7	0	0	2757.7	-0.02
139	24	1978	0	0	0	3.33	2.36	0	0	0	-4.9	1.6	0	0	2761	-0.03
140	24	1978	10.67	0	0	5.11	2.28	0	0	0	4.0	1.6	0	0	2766.1	-0.02
141	24	1978	1.02	0	0	3.62	1.62	0	0	0	-4.1	1.6	0	0	2769.7	-0.04
142	24	1978	0	0	0	4.71	3.04	0	0	0	-6.2	1.5	0	0	2774.4	-0.01
143	24	1978	0	0	0	3.54	2.98	0	0	0	-5.0	1.5	0	0	2778	0
144	24	1978	0	0	0	3.1	2.47	0	0	0	-4.5	1.5	0	0	2781.1	0
145	24	1978	0	0	0	3.03	2.44	0	0	0	-4.4	1.4	0	0	2784.1	-0.02
146	24	1978	0	0	0	3.65	3.09	0	0	0	-5.0	1.4	0	0	2787.8	-0.02
147	24	1978	0	0	0	3.29	2.8	0	0	0	-4.6	1.4	0	0	2791.1	-0.02
148	24	1978	0	0	0	3.15	2.71	0	0	0	-4.5	1.3	0	0	2794.2	-0.02
149	24	1978	4.57	0	0	3.84	1.36	0	0	0	-0.6	1.3	0	0	2798	-0.01
150	24	1978	0	0	0	4.34	3.48	0	0	0	-5.6	1.3	0	0	2802.4	-0.02
151	24	1978	0.51	0	0	6.23	4.11	0	0	0	-6.9	1.2	0	0	2808.6	-0.03
152	24	1978	0	0	0	5.66	3.56	0	0	0	-6.8	1.2	0	0	2814.3	-0.03
153	24	1978	20.57	0	0	4.6	1.97	0	0	0	14.8	1.2	0	0	2818.9	-0.04
154	24	1978	1.27	0	0	4.84	2.35	0	0	0	-4.7	1.2	0	0	2823.7	-0.04
155	24	1978	0	0	0	5.92	3.73	0	0	0	-7.0	1.1	0	0	2829.6	-0.02
156	24	1978	3.81	0	0	5.57	1.97	0	0	0	-2.9	1.1	0	0	2835.2	0
157	24	1978	0	0	0	5.06	3.6	0	0	0	-6.1	1.1	0	0	2840.3	-0.02
158	24	1978	5.59	0	0	5.11	1.77	0	0	0	-0.6	1.1	0	0	2845.4	-0.01
159	24	1978	0.76	0	0	2.74	1.92	0	0	0	-3.0	1.0	0	0	2848.1	-0.01
160	24	1978	1.78	0	0	5.21	2.68	0	0	0	-4.4	1.0	0	0	2853.3	-0.02
161	24	1978	0	0	0	3.78	2.91	0	0	0	-4.8	1.0	0	0	2857.1	-0.03
162	24	1978	0	0	0	4.17	3.82	0	0	0	-5.1	1.0	0	0	2861.3	-0.05
163	24	1978	6.1	0	0	7.24	3.88	0	0	0	-2.1	1.0	0	0	2868.5	0.01
164	24	1978	4.06	0	0	6.25	1.96	0	0	0	-3.1	0.9	0	0	2874.8	-0.03
165	24	1978	0	0	0	5.84	3.66	0	0	0	-6.7	0.9	0	0	2880.6	-0.02
166	24	1978	0	0	0	5.39	3.8	0	0	0	-6.3	0.9	0	0	2886	-0.01
167	24	1978	0	0	0	4.98	3.51	0	0	0	-5.9	0.9	0	0	2891	-0.01
168	24	1978	0	0	0	4.09	3.14	0	0	0	-5.0	0.9	0	0	2895.1	0
169	24	1978	6.1	0	0	4.26	1.34	0	0	0	1.0	0.9	0	0	2899.3	-0.02
170	24	1978	15.49	0	0	5.67	1.65	0	0	0	9.0	0.8	0	0	2905	-0.03
171	24	1978	0	0	0	5.82	4.43	0	0	0	-6.6	0.8	0	0	2910.8	-0.04
172	24	1978	23.37	0	0	4.32	1.21	0	0	0	18.3	0.8	0	0	2915.1	-0.06
173	24	1978	0	0	0	4.36	3.35	0	0	0	-5.1	0.8	0	0	2919.5	-0.04
174	24	1978	0	0	0	4.02	3.06	0	0	0	-4.8	0.8	0	0	2923.5	-0.03
175	24	1978	0	0	0	4.07	3.45	0	0	0	-4.8	0.8	0	0	2927.6	-0.02
176	24	1978	0	0	0	6.05	5.02	0	0	0	-6.8	0.8	0	0	2933.6	-0.02
177	24	1978	0.51	0	0	6.2	4.59	0	0	0	-6.4	0.7	0	0	2939.8	-0.01
178	24	1978	0	0	0	5	4.3	0	0	0	-5.8	0.7	0	0	2944.8	0.02
179	24	1978	0	0	0	3.69	3.03	0	0	0	-4.4	0.7	0	0	2948.5	-0.05
180	24	1978	1.52	0	0	5.22	2.77	0	0	0	-4.4	0.7	0	0	2953.7	-0.02
181	24	1978	0	0	0	2.98	2.04	0	0	0	-3.6	0.7	0	0	2956.7	-0.04
182	24	1978	0	0	0	2.75	1.82	0	0	0	-3.4	0.7	0	0	2959.5	-0.01
183	24	1978	0	0	0	1.96	1.39	0	0	0	-2.6	0.7	0	0	2961.4	-0.02
184	24	1978	1.02	0	0	3.36	1.32	0	0	0	-3.0	0.7	0	0	2964.8	-0.02
185	24	1978	0	0	0	1.88	1.11	0	0	0	-2.5	0.7	0	0	2966.7	-0.03
186	24	1978	0	0	0	0.9	0.96	0	0	0	-1.5	0.6	0	0	2967.6	-0.01
187	24	1978	0	0	0	1.39	1.15	0	0	0	-2.0	0.6	0	0	2969	-0.02
188	24	1978	0	0	0	1.2	1.15	0	0	0	-1.8	0.6	0	0	2970.2	-0.01
189	24	1978	1.02	0	0	1.69	0.86	0	0	0	-1.3	0.6	0	0	2971.9	-0.01
190	24	1978	0	0	0	0.72	0.7	0	0	0	-1.3	0.6	0	0	2972.6	-0.02
191	24	1978	2.03	0	0	2.34	0.51	0	0	0	-0.9	0.6	0	0	2974.9	-0.02
192	24	1978	0	0	0	1.08	0.67	0	0	0	-1.6	0.6	0	0	2976	-0.02
193	24	1978	0	0	0	0.96	0.82	0	0	0	-1.5	0.6	0	0	2977	-0.01
194	24	1978	0	0	0	0.88	0.86	0	0	0	-1.4	0.6	0	0	2977.9	-0.01
195	24	1978	0	0	0	0.73	0.79	0	0	0	-1.3	0.6	0	0	2978.6	-0.01
196	24	1978	0	0	0	0.78	0.72	0	0	0	-1.3	0.6	0	0	2979.4	-0.02
197	24	1978	6.35	0	0	3.21	0.38	0	0	0	2.6	0.5	0	0	2982.6	0.04
198	24	1978	0	0	0	3.01	0.64	0	0	0	-3.5	0.5	0	0	2985.6	-0.03
199	24	1978	0	0	0	1.96	0.78	0	0	0	-2.5	0.5	0	0	2987.5	-0.03
200	24	1978	0	0	0	0.96	0.87	0	0	0	-1.5	0.5	0	0	2988.5	-0.01
201	24	1978	0	0	0	0.75	0.82	0	0	0	-1.3	0.5	0	0	2989.2	0
202	24	1978	1.78	0	0	2.28	0.62	0	0	0	-1.0	0.5	0	0	2991.5	0
203	24	1978	6.6	0	0	4.39	0.5	0	0	0	1.7	0.5	0	0	2995.9	0
204	24	1978	2.79	0	0	4.61	0.53	0	0	0	-2.3	0.5	0	0	3000.5	-0.01
205	24	1978	0	0	0	2.12	0.62	-0.01	0	0	-2.6	0.5	0	0	3002.6	-0.01
206	24	1978	0.25	0	0	0.67	0.49	0	0	0	-0.9	0.5	0	0	3003.3	-0.01
207	24	1978	0	0	0	0.57	0.56	0	0	0	-1.0	0.5	0	0	3003.9	-0.01
208	24	1978	42.42	0	0	5.22	2.27	0	0	0	36.8	0.5	0	0	3009.1	-0.02
209	24	1978	0	0	0	3.56	1.52	0	0	0	-4.0	0.5	0	0	3012.7	-0.04
210	24	1978	5.59	0	0	4.91	1.27	0	0	0	0.3	0.5	0	0	3017.6	-0.04
211	24	1978	0	0	0	4.86	1.81	0	0	0	-5.3	0.5	0	0	3022.4	-0.03
212	24	1978	0.76	0	0	3.89	1.4	0	0	0	-3.6	0.4	0	0	3026.3	-0.02
213	24	1978	0	0	0	2.82	1.65	0	0	0	-3.3	0.4	0	0	3029.2	0.02
214	24	1978	0	0	0	4.32	2.05	0	0	0	-4.7	0.4	0	0	3033.5	-0.01
215	24	1978	20.83	0	0	5.83	1.75	0	0	0	14.6	0.4	0	0	3039.3	-0.03
216	24	1978	0	0	0	5.19	1.66	0	0	0	-5.6	0.4	0	0	3044.5	-0.01
217	24	1978	0	0	0	4.79	1.75	0	0	0	-5.2	0.4	0	0	3049.3	-0.02
218	24	1978	0.76	0	0	4.66	1.4	0	0	0	-4.3	0.4	0	0	3053.9	0.01
219	24	1978	4.32	0	0	3.8	0.86	0	0	0	0.1	0.4	0	0	3057.7	-0.03
220	24	1978	0	0	0	5.16	1.67	0	0	0	-5.5	0.4	0	0	3062.9	-0.03
221	24	1978	39.88	0	0	6.02	1.59	0	0	0	33.5	0.4	0	0	3068.9	-0.04
222	24	1978	0	0	0	3.74	1.2	0	0	0	-4.1	0.4	0	0	3072.7	-0.03
223	24	1978	0	0	0	2.91	1.01	0	0	0	-3.3	0.4	0	0	3075.6	-0.02
224	24	1978	0	0	0	2.71	1.01	0	0	0	-3.1	0.4	0	0	3078.3	0
225	24	1978	0	0	0	4.72	1.32	0	0	0	-5.1	0.4	0	0	3083	-0.02
226	24	1978	0	0	0	3.53	1.1	0	0	0	-3.9	0.4	0	0	3086.5	-0.02
227	24	1978	0.25	0	0	3.39	1	0	0	0	-3.5	0.4	0	0	3089.9	-0.02
228	24	1978	0.51	0	0	5.6	1.08	0	0	0	-5.4	0.4	0	0	3095.5	-0.02
229	24	1978	0	0	0	4.76	0.79	0	0	0	-5.1	0.4	0	0	3100.3	-0.02
230	24	1978	0.25	0	0	2.65	0.73	0	0	0	-2.7	0.4	0	0	3102.9	-0.02
231	24	1978	6.1	0	0	3.66	0.72	0	0	0	2.1	0.4	0	0	3106.6	-0.03
232	24	1978	1.27	0	0	4.31	0.45	0	0	0	-3.4	0.4	0	0	3110.9	-0.01
233	24	1978	0	0	0	3.27	0.56	0	0	0	-3.6	0.4	0	0	3114.2	-0.01
234	24	1978	0	0	0	1.46	0.93	0	0	0	-1.8	0.3	0	0	3115.6	-0.01
235	24	1978	0	0	0	0.46	0.53	0	0	0	-0.8	0.3	0	0	3116.1	0
236	24	1978	4.83	0	0	1.66	0.12	0	0	0	2.8	0.3	0	0	3117.7	0
237	24	1978	0.25	0	0	3.42	0.1	0	0	0	-3.5	0.3	0	0	3121.2	0.01
238	24	1978	0	0	0	1.24	0.17	0	0	0	-1.6	0.3	0	0	3122.4	0.02
239	24	1978	0	0	0	0.38	0.11	0	0	0	-0.7	0.3	0	0	3122.8	0.01
240	24	1978	1.02	0	0	0.95	0	0	0	0	-0.3	0.3	0	0	3123.7	-0.01
241	24	1978	1.52	0	0	1.58	0	0	0	0	-0.4	0.3	0	0	3125.3	-0.01
242	24	1978	0.76	0	0	1.65	0.02	0	0	0	-1.2	0.3	0	0	3127	0.01
243	24	1978	1.52	0	0	1.4	0.02	0	0	0	-0.2	0.3	0	0	3128.4	0
244	24	1978	0	0	0	0.5	0.06	0	0	0	-0.8	0.3	0	0	3128.9	0
245	24	1978	0	0	0	0.37	0.04	0	0	0	-0.7	0.3	0	0	3129.2	0
246	24	1978	1.02	0	0	0.84	0.04	0	0	0	-0.1	0.3	0	0	3130.1	0
247	24	1978	0	0	0	0.54	0.06	0	0	0	-0.9	0.3	0	0	3130.6	0.01
248	24	1978	0	0	0	0.08	0.06	0	0	0	-0.4	0.3	0	0	3130.7	0.01
249	24	1978	0	0	0	0.38	0.08	0	0	0	-0.7	0.3	0	0	3131.1	0.01
250	24	1978	0	0	0	0.04	0.07	0	0	0	-0.4	0.3	0	0	3131.1	0.03
251	24	1978	0	0	0	0.61	0.09	0	0	0	-0.9	0.3	0	0	3131.7	0.01
252	24	1978	0	0	0	0.4	0.09	0	0	0	-0.7	0.3	0	0	3132.1	0.02
253	24	1978	0	0	0	0.45	0.09	0	0	0	-0.7	0.3	0	0	3132.6	0.01
254	24	1978	20.32	0	0	2.86	0.04	0	0	0	17.2	0.3	0	0	3135.4	0.01
255	24	1978	13.97	0	0	4.12	0.01	0	0	0	9.6	0.3	0	0	3139.5	0.02
256	24	1978	0	0	0	3.58	0.03	0	0	0	-3.9	0.3	0	0	3143.1	0.02
257	24	1978	0	0	0	3.3	0.05	0	0	0	-3.6	0.3	0	0	3146.4	0
258	24	1978	2.03	0	0	3.92	0.04	0	0	0	-2.2	0.3	0	0	3150.4	0.03
259	24	1978	11.94	0	0	3.76	0.03	0	0	0	7.9	0.3	0	0	3154.1	0.02
260	24	1978	2.79	0	0	3	0.02	0	0	0	-0.5	0.3	0	0	3157.1	0.01
261	24	1978	43.69	0	0	3.11	0.02	0	0	0	40.3	0.3	0	0	3160.2	0.02
262	24	1978	0.51	0	0	2.1	0.02	0	0	0	-1.9	0.3	0	0	3162.3	0.02
263	24	1978	0	0	0	3.35	0.06	0	0	0	-3.6	0.3	0	0	3165.7	0.01
264	24	1978	0	0	0	2.29	0.09	0	0	0	-2.6	0.3	0	0	3168	0
265	24	1978	0	0	0	3.43	0.03	0	0	0	-3.7	0.3	0	0	3171.4	0.02
266	24	1978	0	0	0	3.41	0.05	0	0	0	-3.7	0.3	0	0	3174.8	0.01
267	24	1978	0	0	0	3.29	0.06	0	0	0	-3.6	0.3	0	0	3178.1	0.02
268	24	1978	0	0	0	3.54	0.04	0	0	0	-3.8	0.3	0	0	3181.6	0.01
269	24	1978	0	0	0	3.19	0.06	0	0	0	-3.5	0.3	0	0	3184.8	0.01
270	24	1978	0	0	0	3.41	0.09	0	0	0	-3.7	0.3	0	0	3188.2	0.02
271	24	1978	3.56	0	0	2.9	0.03	0	0	0	0.4	0.2	0	0	3191.1	0.01
272	24	1978	0	0	0	2.35	0.06	0	0	0	-2.6	0.2	0	0	3193.5	0
273	24	1978	0	0	0	3.89	0.08	0	0	0	-4.1	0.2	0	0	3197.4	0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
274	24	1978	0	0	0	2.62	0.06	0	0	0	-2.9	0.2	0	0	3200	0
275	24	1978	0	0	0	2.37	0.04	0	0	0	-2.6	0.2	0	0	3202.4	0
276	24	1978	0	0	0	2.36	0.07	0	0	0	-2.6	0.2	0	0	3204.7	0
277	24	1978	3.05	0	0	2.82	0.04	0	0	0	0.0	0.2	0	0	3207.5	0
278	24	1978	0	0	0	1.78	0.06	0	0	0	-2.0	0.2	0	0	3209.3	0
279	24	1978	0	0	0	3.68	0.09	0	0	0	-3.9	0.2	0	0	3213	0
280	24	1978	1.78	0	0	3.05	0.04	0	0	0	-1.5	0.2	0	0	3216.1	-0.01
281	24	1978	0.51	0	0	2.48	0.03	0	0	0	-2.2	0.2	0	0	3218.5	0
282	24	1978	0	0	0	1.71	0.06	0	0	0	-1.9	0.2	0	0	3220.2	0
283	24	1978	0	0	0	2.13	0.09	0	0	0	-2.4	0.2	0	0	3222.4	0
284	24	1978	0	0	0	2.32	0.13	0	0	0	-2.5	0.2	0	0	3224.7	0
285	24	1978	0.51	0	0	2.21	0.11	0	0	0	-1.9	0.2	0	0	3226.9	0
286	24	1978	15.49	0	0	1.1	0.01	0	0	0	14.2	0.2	0	0	3228	0
287	24	1978	21.59	0	0	1.57	0.01	0	0	0	19.8	0.2	0	0	3229.6	-0.01
288	24	1978	0	0	0	1.87	0.04	0	0	0	-2.1	0.2	0	0	3231.4	0
289	24	1978	0	0	0	2.06	0.07	0	0	0	-2.3	0.2	0	0	3233.5	0
290	24	1978	0	0	0	1.36	0.05	0	0	0	-1.6	0.2	0	0	3234.9	0
291	24	1978	0.51	0	0	1.34	0.05	0	0	0	-1.0	0.2	0	0	3236.2	-0.01
292	24	1978	1.78	0	0	1.52	0.03	0	0	0	0.1	0.2	0	0	3237.7	0
293	24	1978	0.25	0	0	1.34	0.06	0	0	0	-1.3	0.2	0	0	3239.1	-0.01
294	24	1978	0	0	0	1.79	0.15	0	0	0	-2.0	0.2	0	0	3240.9	0
295	24	1978	0	0	0	1.87	0.21	0	0	0	-2.1	0.2	0	0	3242.7	-0.01
296	24	1978	2.54	0	0	1.98	0.06	0	0	0	0.4	0.2	0	0	3244.7	-0.01
297	24	1978	0	0	0	1.5	0.05	0	0	0	-1.7	0.2	0	0	3246.2	0
298	24	1978	0	0	0	1.86	0.12	0	0	0	-2.1	0.2	0	0	3248.1	-0.01
299	24	1978	18.29	0	0	1.32	0.06	0	0	0	16.8	0.2	0	0	3249.4	0
300	24	1978	1.27	0	0	2.03	0.06	0	0	0	-1.0	0.2	0	0	3251.4	0
301	24	1978	0.51	0	0	1.54	0.08	0	0	0	-1.2	0.2	0	0	3253	-0.01
302	24	1978	0	0	0	1.36	0.07	0	0	0	-1.6	0.2	0	0	3254.3	-0.01
303	24	1978	0	0	0	1.33	0.1	0	0	0	-1.5	0.2	0	0	3255.7	0
304	24	1978	0	0	0	1.87	0.18	0	0	0	-2.1	0.2	0	0	3257.5	-0.01
305	24	1978	0	0	0	1.99	0.11	0	0	0	-2.2	0.2	0	0	3259.5	-0.01
306	24	1978	0	0	0	0.94	0.13	0	0	0	-1.1	0.2	0	0	3260.5	0
307	24	1978	0	0	0	0.96	0.11	0	0	0	-1.1	0.2	0	0	3261.4	-0.01
308	24	1978	0	0	0	0.64	0.18	0	0	0	-0.8	0.2	0	0	3262.1	-0.01
309	24	1978	0	0	0	1.26	0.2	0	0	0	-1.4	0.2	0	0	3263.3	-0.01
310	24	1978	0	0	0	1.51	0.16	0	0	0	-1.7	0.2	0	0	3264.8	-0.01
311	24	1978	1.02	0	0	1.32	0.05	0	0	0	-0.5	0.2	0	0	3266.1	-0.01
312	24	1978	0	0	0	1.19	0.09	0	0	0	-1.4	0.2	0	0	3267.3	0
313	24	1978	0	0	0	1.1	0.14	0	0	0	-1.3	0.2	0	0	3268.4	-0.01
314	24	1978	0	0	0	0.81	0.15	0	0	0	-1.0	0.2	0	0	3269.2	-0.01
315	24	1978	0	0	0	1.45	0.13	0	0	0	-1.6	0.2	0	0	3270.7	-0.01
316	24	1978	0	0	0	1.64	0.09	0	0	0	-1.8	0.2	0	0	3272.3	-0.01
317	24	1978	0	0	0	1.43	0.08	0	0	0	-1.6	0.2	0	0	3273.8	0
318	24	1978	0.76	0	0	1.63	0.11	0	0	0	-1.0	0.2	0	0	3275.4	-0.01
319	24	1978	0	0	0	1.49	0.06	0	0	0	-1.7	0.2	0	0	3276.9	-0.01
320	24	1978	0	0	0	0.92	0.08	0	0	0	-1.1	0.2	0	0	3277.8	0
321	24	1978	11.68	0	0	1.94	0.09	0	0	0	9.6	0.2	0	0	3279.7	0
322	24	1978	0	0	0	3.07	0.18	0	0	0	-3.2	0.2	0	0	3282.8	-0.01
323	24	1978	0	0	0	2.23	0.13	0	0	0	-2.4	0.2	0	0	3285	0
324	24	1978	0	0	0	1.62	0	0	0	0	-1.8	0.2	0	0	3286.7	-0.01
325	24	1978	0.25	0	0.23	0.99	0	0	0	0	-1.1	0.2	0	0.23	3287.6	-0.01
326	24	1978	0	0	0	0.66	0	0	0	0	-0.6	0.2	0	0	3288.3	-0.01
327	24	1978	3.81	0	0	0.98	0.05	0	0	0	2.7	0.2	0	0	3289.3	0
328	24	1978	7.62	0	0	0.64	0.02	0	0	0	6.8	0.2	0	0	3289.9	0.01
329	24	1978	0	0	0	1.77	0	0	0	0	-1.9	0.2	0	0	3291.7	-0.01
330	24	1978	0	0	0	1.16	0	0	0	0	-1.3	0.2	0	0	3292.9	-0.02
331	24	1978	5.84	0	0	0.48	0	0	5.65	0	-0.5	0.2	0	0	3293.3	0
332	24	1978	0.76	0	0	0	0	0	0.81	0	-0.2	0.2	0	0	3293.3	0
333	24	1978	0	0	0	0.1	0	0	0.03	0	-0.3	0.2	0	0	3293.4	0
334	24	1978	0	0	1.1	0.21	0	0	-1.23	0	0.9	0.2	0	0	3293.6	0
335	24	1978	0	0	0.55	0.32	0.03	0	-0.65	0	0.2	0.2	0	0	3294	0
336	24	1978	1.27	0	2.18	0.36	0	0	-1.1	0	1.9	0.2	0	0	3294.3	0
337	24	1978	8.13	0	0.11	0.23	0.02	0	7.97	0	-0.2	0.2	0	0	3294.5	0
338	24	1978	0.76	0	12.53	-0.47	0.15	0	-11.48	0	2.7	0.2	9.9	0	3294.1	0
339	24	1978	0	0	0	0.76	0.08	0	0	0	-0.9	0.2	0	0	3294.8	-0.01
340	24	1978	0	0	0	0.65	0.09	0	0	0	-0.8	0.2	0	0	3295.5	0
341	24	1978	0.25	0	0	0.79	0.09	0	0	0	-0.7	0.2	0	0	3296.3	-0.01
342	24	1978	10.92	0	0	0.58	0.02	0	0	0	10.2	0.2	0	0	3296.8	-0.01
343	24	1978	4.32	0	0	0.85	0	0	4.11	0	-0.8	0.2	0	0	3297.7	-0.01
344	24	1978	7.62	0	0	0.21	0	0	7.65	0	-0.4	0.2	0	0	3297.9	0
345	24	1978	0	0	0	0.08	0	0	0.08	0	-0.3	0.2	0	0	3298	0
346	24	1978	0.76	0	0	0.15	0	0	0.67	0	-0.2	0.2	0	0	3298.1	0
347	24	1978	0.51	0	2.1	0.4	0	0	-1.96	0	1.9	0.2	0	0	3298.5	0
348	24	1978	2.54	0	0.26	0.56	0	0	1.84	0	0.0	0.2	0	0	3299.1	-0.01
349	24	1978	0	0	0.26	0.34	0	0	-0.47	0	0.0	0.2	0	0	3299.4	0
350	24	1978	0	0	3.04	0.28	0.08	0	-3.21	0	2.8	0.2	0	0	3299.7	0
351	24	1978	3.56	0	7.35	0.7	0.09	0	-4.23	0	6.9	0.2	0	0	3300.4	-0.01
352	24	1978	0.76	0	0	0.55	0	0	0.68	0	-0.6	0.2	0	0	3301	-0.01
353	24	1978	0.51	0	0	0.3	0	0	0.57	0	-0.5	0.2	0	0	3301.3	0
354	24	1978	16.51	0	0	0.08	0	0	16.57	0	-0.3	0.2	0	0	3301.3	0
355	24	1978	3.3	0	3.64	0.14	0.01	0	-0.48	0	-0.1	0.2	3.64	0	3301.5	0
356	24	1978	0.51	0	0	0.09	0	0	0.5	0	-0.2	0.2	0	0	3301.6	0
357	24	1978	0	0	0.8	0.26	0	0	-1.01	0	-0.2	0.2	0.8	0	3301.8	0
358	24	1978	4.57	0	0	0.33	0	0	4.31	0	-0.2	0.2	0	0	3302.2	0
359	24	1978	28.19	0	0	0.05	0	0	28.18	0	-0.2	0.2	0	0	3302.2	-0.01
360	24	1978	1.27	0	0	0.51	0	0	0.79	0	-0.2	0.2	0	0	3302.7	0
361	24	1978	4.32	0	0	0	0	0	4.35	0	-0.2	0.2	0	0	3302.7	0
362	24	1978	0	0	0	-0.01	0	0	0.06	0	-0.2	0.2	0	0	3302.7	0
363	24	1978	0	0	0	0	0	0	0.09	0	-0.2	0.2	0	0	3302.7	0
364	24	1978	0	0	0	0.03	0	0	0.05	0	-0.2	0.2	0	0	3302.8	0
365	24	1978	4.06	0	3.47	-0.11	0	0	0.71	0	1.0	0.2	2.37	0	3302.6	0
1	24	1979	9.65	0	29.53	-0.81	0	0	-19.09	0	5.1	0.1	24.31	0	3301.8	0
2	24	1979	12.19	0	15.44	0.15	0	0	-3.42	0	5.5	0.1	9.84	0	3302	0.01
3	24	1979	0.51	0	0.05	0.77	0	0	-0.2	0	-0.2	0.1	0	0	3302.8	0
4	24	1979	0	0	0	0.34	0	0	-0.19	0	-0.3	0.1	0	0	3303.1	0
5	24	1979	0	0	0	0.42	0	0	-0.28	0	-0.3	0.1	0	0	3303.5	0
6	24	1979	1.02	0	0	-0.01	0	0	1.17	0	-0.3	0.1	0	0	3303.5	0
7	24	1979	8.89	0	0	-0.02	0	0	8.99	0	-0.2	0.1	0	0	3303.5	0
8	24	1979	3.56	0	0	0	0	0	3.58	0	-0.2	0.1	0	0	3303.5	0
9	24	1979	0	0	0	0.26	0	0	-0.23	0	-0.2	0.1	0	0	3303.8	0
10	24	1979	0.25	0	0	0.07	0	0	0.23	0	-0.2	0.1	0	0	3303.8	0
11	24	1979	0.25	0	0	0.03	0	0	0.3	0	-0.2	0.1	0	0	3303.8	0
12	24	1979	0.76	0	0	0.02	0	0	0.82	0	-0.2	0.1	0	0	3303.9	0
13	24	1979	9.4	0	0	0.12	0	0	9.32	0	-0.2	0.1	0	0	3304	0
14	24	1979	15.49	0	0.18	0.29	0	0	15.02	0	-0.1	0.1	0.18	0	3304.3	0
15	24	1979	2.03	0	0	0.27	0	0	1.76	0	-0.1	0.1	0	0	3304.5	0
16	24	1979	1.78	0	0	-0.03	0	0	1.84	0	-0.2	0.1	0	0	3304.5	0
17	24	1979	3.81	0	0	0.02	0	0	3.82	0	-0.2	0.1	0	0	3304.5	0
18	24	1979	2.79	0	0	0.16	0	0	2.67	0	-0.2	0.1	0	0	3304.7	0
19	24	1979	0	0	0	0	0	0	0.03	0	-0.2	0.1	0	0	3304.7	0
20	24	1979	3.05	0	0	0.19	0	0	2.9	0	-0.2	0.1	0	0	3304.9	0
21	24	1979	16	0	0	-0.08	0	0	16.1	0	-0.2	0.1	0	0	3304.8	0
22	24	1979	1.27	0	0	0.26	0	0	1.02	0	-0.2	0.1	0	0	3305.1	0
23	24	1979	0	0	0	0.18	0	0	-0.17	0	-0.2	0.1	0	0	3305.2	0
24	24	1979	7.11	0	0	0.86	0	0	6.27	0	-0.2	0.1	0	0	3306.1	0
25	24	1979	8.89	0	7.65	0.05	0	0	1.18	0	0.4	0.1	7.1	0	3306.2	0
26	24	1979	0.51	0	4.01	0.02	0	0	-3.53	0	2.2	0.1	1.67	0	3306.2	0
27	24	1979	0	0	1.82	-0.15	0	0	-1.68	0	1.7	0.1	0	0	3306	0
28	24	1979	1.78	0	3.17	-0.05	0	0	-1.36	0	3.1	0.1	0	0	3306	0
29	24	1979	4.83	0	0.39	0.25	0	0	4.18	0	0.3	0.1	0	0	3306.2	0
30	24	1979	1.52	0	0	0.12	0	0	1.4	0	-0.1	0.1	0	0	3306.3	0
31	24	1979	2.03	0	0	0.02	0	0	2.02	0	-0.1	0.1	0	0	3306.4	0
32	24	1979	3.56	0	0	0	0	0	3.57	0	-0.2	0.1	0	0	3306.4	0
33	24	1979	2.54	0	0	-0.07	0	0	2.63	0	-0.2	0.1	0	0	3306.3	0
34	24	1979	0	0	0	0	0	0	0.02	0	-0.2	0.1	0	0	3306.3	0
35	24	1979	0.25	0	0	0.08	0	0	0.2	0	-0.2	0.1	0	0	3306.4	0
36	24	1979	4.06	0	0	-0.08	0	0	4.16	0	-0.2	0.1	0	0	3306.3	0
37	24	1979	0	0	0	-0.03	0	0	0.05	0	-0.2	0.1	0	0	3306.3	0
38	24	1979	2.03	0	0	-0.05	0	0	2.1	0	-0.2	0.1	0	0	3306.2	0
39	24	1979	4.32	0	0	0.16	0	0	4.17	0	-0.2	0.1	0	0	3306.4	0
40	24	1979	1.27	0	0	0.05	0	0	1.24	0	-0.1	0.1	0	0	3306.4	0
41	24	1979	0.51	0	0	-0.01	0	0	0.54	0	-0.2	0.1	0	0	3306.4	0
42	24	1979	0	0	0	0.01	0	0	0.02	0	-0.2	0.1	0	0	3306.4	0
43	24	1979	0	0	0	0.02	0	0	0.01	0	-0.2	0.1	0	0	3306.4	0
44	24	1979	0	0	0	-0.01	0	0	0.05	0	-0.2	0.1	0	0	3306.4	0
45	24	1979	0	0	0	0.02	0	0	0.02	0	-0.2	0.1	0	0	3306.4	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
46	24	1979	0	0	0	0	0	0	0.04	0	-0.2	0.1	0	0	3306.4	0
47	24	1979	0.76	0	0	0.09	0	0	0.72	0	-0.2	0.1	0	0	3306.5	0
48	24	1979	0	0	0	0.06	0	0	-0.02	0	-0.2	0.1	0	0	3306.6	0
49	24	1979	0	0	0	0.01	0	0	0.04	0	-0.2	0.1	0	0	3306.6	0
50	24	1979	1.78	0	0	0.04	0	0	1.78	0	-0.2	0.1	0	0	3306.6	0
51	24	1979	0	0	0	0.02	0	0	0.01	0	-0.2	0.1	0	0	3306.7	0
52	24	1979	0.25	0	0	0.28	0	0	-0.01	0	-0.1	0.1	0	0	3307	0
53	24	1979	0	0	0	0.57	0	0	-0.57	0	-0.1	0.1	0	0	3307.5	0
54	24	1979	10.16	0	12.36	0.4	0	0	-2.61	0	8.0	0.1	4.24	0	3307.9	0
55	24	1979	0	0	5.02	-0.06	0	0	-4.97	0	4.9	0.1	0	0	3307.9	0
56	24	1979	3.05	0	0.7	0.28	0	0	2.06	0	0.6	0.1	0	0	3308.1	0
57	24	1979	29.21	0	0.1	-0.08	0	0	29.18	0	0.0	0.1	0	0	3308.1	0
58	24	1979	0.76	0	0	0.24	0	0	0.52	0	-0.1	0.1	0	0	3308.3	0
59	24	1979	0	0	0	0.08	0	0	-0.08	0	-0.1	0.1	0	0	3308.4	0
60	24	1979	1.02	0	2.58	0.12	0	0	-1.68	0	2.5	0.1	0	0	3308.5	0
61	24	1979	3.56	0	7.09	-0.12	0	0	-3.42	0	7.0	0.1	0	0	3308.4	0
62	24	1979	0	0	9.41	-0.04	0	0	-9.38	0	9.3	0.1	0	0	3308.4	0
63	24	1979	0.25	0	12.49	-0.23	0	0	-12.01	0	12.4	0.1	0	0	3308.1	-0.01
64	24	1979	18.8	0	35.58	-0.26	0	0	-16.52	0	35.5	0.1	0	0	3307.9	0
65	24	1979	6.6	0	15.91	0	0	0	-9.31	0	15.8	0.1	0	0	3307.9	-0.01
66	24	1979	0	0	11.08	0.08	0	0	-11.17	0	11.0	0.1	0	0	3308	0
67	24	1979	0	0	8.9	0.14	0	0	-9.03	0	8.8	0.1	0	0	3308.1	0
68	24	1979	0	0	11.04	0.1	0.05	0	-11.08	0	10.9	0.1	0	0	3308.2	0
69	24	1979	1.52	0	16.97	0.14	0.1	0	-15.48	0	16.7	0.1	0	0	3308.3	0
70	24	1979	1.27	0	0.21	1	0	0	0.08	0	0.1	0.1	0	0	3309.3	0
71	24	1979	4.83	0	0	0.35	0	0	4.52	0	-0.2	0.1	0	0	3309.7	0
72	24	1979	0.25	0	3.06	0.33	0.15	0	-2.96	0	2.8	0.1	0	0	3310	0
73	24	1979	3.3	0	21.13	0.34	0.18	0	-17.98	0	20.8	0.1	0	0	3310.4	0
74	24	1979	1.52	0	0.05	0.76	0	0	0.81	0	-0.2	0.1	0	0	3311.1	-0.01
75	24	1979	0.25	0	0.18	0.31	0	0	-0.19	0	0.0	0.1	0	0	3311.4	0
76	24	1979	0	0	7.46	0.11	0	0	-7.52	0	7.3	0.1	0	0	3311.5	0
77	24	1979	0	0	8.97	0.47	0.19	0	-9.23	0	5.3	0.1	3.31	0	3312	0
78	24	1979	0	0	10.65	0.42	0.3	0	-10.72	0	4.0	0.1	6.24	0	3312.4	0
79	24	1979	0	0	12.93	0.64	0.53	0	-12.97	0	9.2	0.1	2.96	0	3313.1	0
80	24	1979	0	0	3.95	0.93	0.65	0	-3.91	0	2.9	0.1	0	0	3314	-0.01
81	24	1979	0	0	0	0.55	0.42	0	0	0	-0.7	0.1	0	0	3314.5	0
82	24	1979	0	0	0	2.61	0.93	0	0	0	-2.7	0.1	0	0	3317.2	-0.04
83	24	1979	0	0	0	3.89	0.79	0	0	0	-4.0	0.1	0	0	3321	-0.01
84	24	1979	3.05	0	0	2.54	0.3	0	0	0	0.4	0.1	0	0	3323.6	-0.04
85	24	1979	1.27	0	0.72	2	0	0	0	0	-0.9	0.2	0	0	3325.6	0
86	24	1979	3.05	0	0	1.86	0	0	2.27	0	-1.2	0.2	0	0	3327.4	-0.02
87	24	1979	1.02	0	2.36	1	0.51	0	-2.27	0	2.0	0.2	0.1	0	3328.4	0.01
88	24	1979	9.65	0	0	1.71	0.45	0	0	0	7.8	0.2	0	0	3330.2	0.01
89	24	1979	6.1	0	0	0.99	0.12	0	0	0	4.9	0.2	0	0	3331.1	-0.02
90	24	1979	2.03	0	0	2.09	0.41	0	0	0	-0.2	0.2	0	0	3333.2	-0.04
91	24	1979	0	0	0	1.62	0.25	0	0	0	-1.8	0.2	0	0	3334.9	-0.02
92	24	1979	26.16	0	0	3.4	0.43	0	0	0	22.5	0.3	0	0	3338.3	-0.02
93	24	1979	0	0	0	2.52	0.47	0	0	0	-2.8	0.3	0	0	3340.8	-0.02
94	24	1979	8.13	0	0	3.2	0.35	0	0	0	4.6	0.3	0	0	3344	-0.01
95	24	1979	0	0	0	2.32	0.29	0	0	0	-2.6	0.3	0	0	3346.3	-0.02
96	24	1979	7.37	0	0	5.57	0.33	0	0	0	1.5	0.4	0	0	3351.9	-0.02
97	24	1979	1.02	0	0.48	2.91	0	0	0	0	-2.3	0.4	0	0	3354.8	-0.01
98	24	1979	2.54	0	1.43	1.52	0.18	0	0	0	0.6	0.4	0	0	3356.3	0.01
99	24	1979	13.72	0	2.9	0.67	0	0	10.38	0	2.2	0.5	0	0	3357	0
100	24	1979	1.02	0	6.94	0.67	0	0	-6.54	0	6.4	0.5	0	0	3357.6	0.01
101	24	1979	0	0	3.78	0.95	0.43	0	-3.84	0	2.3	0.6	0	0	3358.6	-0.01
102	24	1979	0	0	0	1.22	0.53	0	0	0	-1.8	0.6	0	0	3359.8	0
103	24	1979	1.27	0	0	3.04	0.56	0	0	0	-2.4	0.7	0	0	3362.8	-0.05
104	24	1979	2.03	0	0	3.78	0.59	0	0	0	-2.4	0.7	0	0	3366.6	-0.02
105	24	1979	2.29	0	0	2.14	0.19	0	0	0	-0.6	0.8	0	0	3368.8	-0.04
106	24	1979	6.6	0	0	1.98	0.11	0	0	0	3.8	0.8	0	0	3370.7	-0.03
107	24	1979	0	0	0	2.72	0.69	0	0	0	-3.6	0.9	0	0	3373.5	-0.03
108	24	1979	0	0	0	3.82	0.69	0	0	0	-4.7	0.9	0	0	3377.3	-0.01
109	24	1979	0	0	0	3.3	0.73	0	0	0	-4.2	1.0	0	0	3380.6	-0.02
110	24	1979	0	0	0	3.57	0.97	0	0	0	-4.6	1.0	0	0	3384.2	-0.01
111	24	1979	0	0	0	2.84	1.11	0	0	0	-3.9	1.1	0	0	3387	-0.01
112	24	1979	0	0	0	3.67	0.91	0	0	0	-4.8	1.1	0	0	3390.7	-0.01
113	24	1979	0	0	0	4.13	1.13	0	0	0	-5.3	1.2	0	0	3394.8	-0.02
114	24	1979	0	0	0	4.45	1.42	0	0	0	-5.6	1.2	0	0	3399.2	-0.04
115	24	1979	0	0	0	3.36	1.27	0	0	0	-4.6	1.2	0	0	3402.6	-0.01
116	24	1979	5.08	0	0	3.07	0.65	0	0	0	0.8	1.3	0	0	3405.7	-0.03
117	24	1979	20.83	0	0	4.4	0.67	0	0	0	15.2	1.3	0	0	3410.1	-0.04
118	24	1979	0	0	0	2.87	0.67	0	0	0	-4.1	1.3	0	0	3413	-0.03
119	24	1979	0	0	0	2.18	0.53	0	0	0	-3.5	1.3	0	0	3415.1	-0.03
120	24	1979	0.76	0	0	2.52	0.73	0	0	0	-3.1	1.3	0	0	3417.7	-0.02
121	24	1979	0	0	0	2.76	0.48	0	0	0	-4.1	1.4	0	0	3420.4	-0.04
122	24	1979	0	0	0	3.03	0.79	0	0	0	-4.4	1.4	0	0	3423.4	-0.02
123	24	1979	8.13	0	0	3.67	0.68	0	0	0	3.1	1.4	0	0	3427.1	-0.02
124	24	1979	0	0	0	3.8	0.67	0	0	0	-5.1	1.4	0	0	3430.9	-0.03
125	24	1979	0	0	0	3.98	0.77	0	0	0	-5.3	1.4	0	0	3434.9	-0.02
126	24	1979	0	0	0	3.09	0.64	0	0	0	-4.4	1.4	0	0	3438	-0.01
127	24	1979	0	0	0	3	1.2	0	0	0	-4.4	1.4	0	0	3441	0
128	24	1979	0	0	0	4.46	1.83	0	0	0	-5.8	1.3	0	0	3445.5	-0.01
129	24	1979	0	0	0	4.54	1.86	0	0	0	-5.9	1.3	0	0	3450	-0.01
130	24	1979	0	0	0	3.23	1.3	0	0	0	-4.5	1.3	0	0	3453.2	-0.01
131	24	1979	0	0	0	4.36	1.54	0	0	0	-5.6	1.3	0	0	3457.6	-0.05
132	24	1979	7.37	0	0	3.88	1.1	0	0	0	2.2	1.3	0	0	3461.5	-0.05
133	24	1979	5.59	0	0	3.88	0.69	0	0	0	0.5	1.3	0	0	3465.3	-0.04
134	24	1979	0	0	0	2.8	0.93	0	0	0	-4.0	1.3	0	0	3468.1	-0.03
135	24	1979	1.27	0	0	4	1.15	0	0	0	-4.0	1.3	0	0	3472.1	-0.02
136	24	1979	0	0	0	4.08	0.89	0	0	0	-5.3	1.2	0	0	3476.2	-0.03
137	24	1979	0	0	0	4.71	1.31	0	0	0	-5.9	1.2	0	0	3480.9	-0.02
138	24	1979	0	0	0	4.57	1.39	0	0	0	-5.8	1.2	0	0	3485.5	-0.02
139	24	1979	1.27	0	0	3.54	1.01	0	0	0	-3.5	1.2	0	0	3489	-0.02
140	24	1979	0.25	0	0	4.38	1.48	0	0	0	-5.3	1.2	0	0	3493.4	-0.03
141	24	1979	3.81	0	0	4.94	0.82	0	0	0	-2.3	1.2	0	0	3498.4	-0.03
142	24	1979	0	0	0	3.75	1.02	0	0	0	-4.9	1.2	0	0	3502.1	-0.03
143	24	1979	0	0	0	4.66	1.15	0	0	0	-5.8	1.1	0	0	3506.8	-0.02
144	24	1979	8.64	0	0	4.33	0.48	0	0	0	3.2	1.1	0	0	3511.1	-0.01
145	24	1979	27.69	0	0	4.36	0.64	0	0	0	22.3	1.1	0	0	3515.5	-0.04
146	24	1979	11.68	0	0	4.96	0.84	0	0	0	5.7	1.1	0	0	3520.4	-0.02
147	24	1979	1.02	0	0	5.1	1.01	0	0	0	-5.1	1.1	0	0	3525.5	-0.02
148	24	1979	1.02	0	0	4.42	0.83	0	0	0	-4.5	1.1	0	0	3529.9	0
149	24	1979	0.25	0	0	4.35	1.07	0	0	0	-5.1	1.0	0	0	3534.3	-0.02
150	24	1979	0	0	0	4.43	1.2	0	0	0	-5.4	1.0	0	0	3538.7	-0.02
151	24	1979	0	0	0	3.94	1.4	0	0	0	-4.9	1.0	0	0	3542.7	-0.03
152	24	1979	0	0	0	4.36	1.62	0	0	0	-5.3	1.0	0	0	3547	-0.03
153	24	1979	0	0	0	2.71	1.02	0	0	0	-3.7	1.0	0	0	3549.7	-0.02
154	24	1979	0	0	0	3	1.36	0	0	0	-4.0	1.0	0	0	3552.7	-0.01
155	24	1979	0	0	0	3.61	1.62	0	0	0	-4.5	0.9	0	0	3556.3	0
156	24	1979	7.87	0	0	4.88	1.27	0	0	0	2.1	0.9	0	0	3561.2	-0.02
157	24	1979	0	0	0	5.04	1.47	0	0	0	-5.9	0.9	0	0	3566.3	-0.02
158	24	1979	0	0	0	4.04	1.53	0	0	0	-4.9	0.9	0	0	3570.3	-0.03
159	24	1979	0	0	0	3.14	1.24	0	0	0	-4.0	0.9	0	0	3573.4	0
160	24	1979	2.79	0	0	2.9	0.73	0	0	0	-1.0	0.9	0	0	3576.3	-0.02
161	24	1979	0	0	0	4.02	1.4	0	0	0	-4.8	0.9	0	0	3580.4	-0.04
162	24	1979	20.32	0	0	5.49	1.21	0	0	0	14.0	0.8	0	0	3585.9	-0.03
163	24	1979	0	0	0	4.48	1.16	0	0	0	-5.3	0.8	0	0	3590.3	-0.03
164	24	1979	0	0	0	6.37	1.72	0	0	0	-7.2	0.8	0	0	3596.7	-0.01
165	24	1979	0	0	0	6.01	1.95	0	0	0	-6.8	0.8	0	0	3602.7	-0.04
166	24	1979	0	0	0	7.36	2.55	0	0	0	-8.2	0.8	0	0	3610.1	0
167	24	1979	0	0	0	4.32	2.01	0	0	0	-5.1	0.8	0	0	3614.4	-0.01
168	24	1979	0	0	0	5.57	2.26	0	0	0	-6.3	0.8	0	0	3620	-0.02
169	24	1979	0	0	0	2.61	2.04	0	0	0	-3.4	0.8	0	0	3622.6	-0.01
170	24	1979	0	0	0	2.93	2.57	0	0	0	-3.7	0.8	0	0	3625.5	-0.02
171	24	1979	0	0	0	2.73	2.62	0	0	0	-3.5	0.7	0	0	3628.2	-0.01
172	24	1979	3.05	0	0	3.62	1.47	0	0	0	-1.3	0.7	0	0	3631.9	-0.01
173	24	1979	15.24	0	0	5	1.25	0	0	0	9.5	0.7	0	0	3636.9	-0.01
174	24	1979	0	0	0	4.3	0.9	0	0	0	-5.0	0.7	0	0	3641.2	-0.02
175	24	1979	0	0	0	4.92	1.34	0	0	0	-5.6	0.7	0	0	3646.1	-0.02
176	24	1979	0	0	0	4.9	1.57	0	0	0	-5.6	0.7	0	0	3651	-0.01
177	24	1979	0	0	0	4.09	2.4	0	0	0	-4.8	0.7	0	0	3655.1	-0.01
178	24	1979	1.27	0	0	3.87	2.67	0	0	0	-3.3	0.7	0	0	3658.9	0.01
179	24	1979	6.86	0	0	2.89	0.56	0	0	0	3.3	0.7	0	0	3661.8	-0.01
180	24	1979	0.25	0	0	3.05	1.28	0	0	0	-3.4	0.7	0	0	3664.9	-0.01
181	24	1979	1.52	0	0	3.94	1.37	0	0	0	-3.1	0.6	0	0	3668.8	-0.01
182	24	1979	3.05	0	0	3.74	1.07	0	0	0	-1.3	0.6	0	0	3672.5	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
183	24	1979	8.13	0	0	4.36	1.09	0	0	0	3.2	0.6	0	0	3676.9	-0.01
184	24	1979	0	0	0	3.8	1.33	0	0	0	-4.4	0.6	0	0	3680.7	-0.02
185	24	1979	0	0	0	4.7	1.6	0	0	0	-5.3	0.6	0	0	3685.4	-0.01
186	24	1979	0	0	0	3.98	1.49	0	0	0	-4.6	0.6	0	0	3689.4	-0.01
187	24	1979	0	0	0	1.77	1.66	0	0	0	-2.4	0.6	0	0	3691.2	0
188	24	1979	0	0	0	2.51	2.31	0	0	0	-3.1	0.6	0	0	3693.7	0
189	24	1979	0	0	0	2.28	2.25	0	0	0	-2.9	0.6	0	0	3695.9	-0.01
190	24	1979	0	0	0	1.54	1.67	0	0	0	-2.1	0.6	0	0	3697.5	0
191	24	1979	0	0	0	1.72	1.7	0	0	0	-2.3	0.6	0	0	3699.2	-0.01
192	24	1979	1.52	0	0	3	1.51	0	0	0	-2.0	0.6	0	0	3702.2	0
193	24	1979	0	0	0	1.67	1.63	0	0	0	-2.2	0.6	0	0	3703.9	-0.01
194	24	1979	0	0	0	1.7	1.61	0	0	0	-2.2	0.5	0	0	3705.6	0
195	24	1979	0	0	0	1.45	1.42	0	0	0	-2.0	0.5	0	0	3707	-0.01
196	24	1979	13.97	0	0	5.73	1.73	0	0	0	7.7	0.5	0	0	3712.7	-0.01
197	24	1979	0.51	0	0	2.96	0.95	0	0	0	-3.0	0.5	0	0	3715.7	-0.02
198	24	1979	0	0	0	4.47	0.96	0	0	0	-5.0	0.5	0	0	3720.2	-0.02
199	24	1979	0	0	0	3.26	1.07	0	0	0	-3.8	0.5	0	0	3723.4	-0.01
200	24	1979	0	0	0	1.51	1.29	0	0	0	-2.0	0.5	0	0	3725	-0.01
201	24	1979	0	0	0	0.98	1.03	0	0	0	-1.5	0.5	0	0	3725.9	0
202	24	1979	0	0	0	1.05	0.97	0	0	0	-1.5	0.5	0	0	3727	-0.01
203	24	1979	0	0	0	0.93	0.95	0	0	0	-1.4	0.5	0	0	3727.9	-0.01
204	24	1979	2.79	0	0	2.29	0.49	0	0	0	0.0	0.5	0	0	3730.2	0
205	24	1979	0	0	0	1.75	0.87	0	0	0	-2.2	0.5	0	0	3732	-0.01
206	24	1979	0	0	0	0.94	0.93	0	0	0	-1.4	0.5	0	0	3732.9	-0.01
207	24	1979	10.41	0	0	4.75	0.84	0	0	0	5.2	0.5	0	0	3737.6	-0.01
208	24	1979	0.76	0	0	2.86	0.49	0	0	0	-2.5	0.5	0	0	3740.5	-0.02
209	24	1979	2.29	0	0	3.27	0.41	0	0	0	-1.5	0.5	0	0	3743.8	0.05
210	24	1979	0	0	0	2.38	0.64	0	0	0	-2.8	0.4	0	0	3746.2	-0.01
211	24	1979	0	0	0	2.54	0.79	0	0	0	-3.0	0.4	0	0	3748.7	-0.02
212	24	1979	15.75	0	0	4.78	1.63	0	0	0	10.6	0.4	0	0	3753.5	-0.02
213	24	1979	1.78	0	0	4.57	1.17	0	0	0	-3.2	0.4	0	0	3758	-0.01
214	24	1979	13.97	0	0	4.12	1.34	0	0	0	9.5	0.4	0	0	3762.2	-0.03
215	24	1979	0.25	0	0	4.14	1.71	0	0	0	-4.3	0.4	0	0	3766.3	-0.01
216	24	1979	0	0	0	2.94	1.34	0	0	0	-3.3	0.4	0	0	3769.2	-0.02
217	24	1979	0	0	0	4.63	1.66	0	0	0	-5.0	0.4	0	0	3773.9	-0.02
218	24	1979	7.11	0	0	4.36	1	0	0	0	2.4	0.4	0	0	3778.2	-0.02
219	24	1979	0	0	0	4.08	1.42	0	0	0	-4.5	0.4	0	0	3782.3	-0.03
220	24	1979	0	0	0	4.24	1.36	0	0	0	-4.6	0.4	0	0	3786.6	-0.01
221	24	1979	0	0	0	3.05	1.38	0	0	0	-3.4	0.4	0	0	3789.6	-0.02
222	24	1979	23.88	0	0	4.93	1.47	0	0	0	18.6	0.4	0	0	3794.5	-0.02
223	24	1979	0	0	0	3.48	1.18	0	0	0	-3.9	0.4	0	0	3798	-0.01
224	24	1979	0	0	0	2.11	0.81	0	0	0	-2.5	0.4	0	0	3800.1	-0.03
225	24	1979	0.25	0	0	3.01	1.22	0	0	0	-3.1	0.4	0	0	3803.1	-0.02
226	24	1979	12.95	0	0	4.74	1.14	0	0	0	7.9	0.4	0	0	3807.9	-0.02
227	24	1979	4.83	0	0	2.72	0.21	0	0	0	1.8	0.4	0	0	3810.6	-0.03
228	24	1979	0	0	0	4.12	1.45	0	0	0	-4.4	0.4	0	0	3814.7	-0.04
229	24	1979	0	0	0	3.36	1.47	0	0	0	-3.7	0.4	0	0	3818.1	-0.02
230	24	1979	3.56	0	0	3.83	0.72	0	0	0	-0.6	0.4	0	0	3821.9	0
231	24	1979	0	0	0	2.46	1.1	0	0	0	-2.8	0.4	0	0	3824.4	-0.02
232	24	1979	0	0	0	2.87	1.27	0	0	0	-3.2	0.4	0	0	3827.2	-0.02
233	24	1979	0	0	0	3.58	1.53	0	0	0	-3.9	0.3	0	0	3830.8	-0.02
234	24	1979	0	0	0	3.88	1.64	0	0	0	-4.2	0.3	0	0	3834.7	-0.02
235	24	1979	0.51	0	0	2.6	1.19	0	0	0	-2.4	0.3	0	0	3837.3	-0.02
236	24	1979	0	0	0	2.64	1.98	0	0	0	-3.0	0.3	0	0	3839.9	0.01
237	24	1979	7.62	0	0	3.86	0.89	0	0	0	3.5	0.3	0	0	3843.8	-0.02
238	24	1979	2.79	0	0	3.63	0.79	0	0	0	-1.1	0.3	0	0	3847.4	-0.02
239	24	1979	13.46	0	0	3.15	0.57	0	0	0	10.0	0.3	0	0	3850.6	-0.02
240	24	1979	0	0	0	3.55	1.55	0	0	0	-3.8	0.3	0	0	3854.1	-0.03
241	24	1979	0	0	0	2.9	1.43	0	0	0	-3.2	0.3	0	0	3857	0
242	24	1979	0.76	0	0	4.78	1.76	0	0	0	-4.3	0.3	0	0	3861.8	-0.03
243	24	1979	0	0	0	3.12	1.32	0	0	0	-3.4	0.3	0	0	3864.9	-0.02
244	24	1979	0	0	0	3.77	1.74	0	0	0	-4.1	0.3	0	0	3868.7	-0.03
245	24	1979	23.37	0	0	4.09	1.37	0	0	0	19.0	0.3	0	0	3872.8	-0.01
246	24	1979	0	0	0	2.92	1.3	0	0	0	-3.2	0.3	0	0	3875.7	-0.04
247	24	1979	0	0	0	3.38	1.46	0	0	0	-3.7	0.3	0	0	3879.1	-0.02
248	24	1979	0	0	0	3.65	1.65	0	0	0	-3.9	0.3	0	0	3882.7	-0.03
249	24	1979	59.18	0	0	2.87	0.47	0	0	0	56.0	0.3	0	0	3885.6	-0.02
250	24	1979	0.25	0	0	3.92	1.3	0	0	0	-3.9	0.3	0	0	3889.5	-0.04
251	24	1979	0	0	0	3.67	1.19	0	0	0	-3.9	0.3	0	0	3893.2	-0.02
252	24	1979	0	0	0	3.22	1.3	0	0	0	-3.5	0.3	0	0	3896.4	-0.01
253	24	1979	2.79	0	0	3.51	1.11	0	0	0	-1.0	0.3	0	0	3899.9	-0.04
254	24	1979	0	0	0	3.25	1.25	0	0	0	-3.5	0.3	0	0	3903.2	-0.02
255	24	1979	0	0	0	3.49	1.6	0	0	0	-3.8	0.3	0	0	3906.7	-0.01
256	24	1979	0	0	0	3.2	1.57	0	0	0	-3.5	0.3	0	0	3909.9	-0.02
257	24	1979	33.02	0	0	3.41	1.07	0	0	0	29.4	0.3	0	0	3913.3	-0.03
258	24	1979	0	0	0	2.58	0.94	0	0	0	-2.8	0.3	0	0	3915.8	-0.03
259	24	1979	0	0	0	2.5	1.17	0	0	0	-2.7	0.3	0	0	3918.3	-0.03
260	24	1979	0	0	0	2.93	1.38	0	0	0	-3.2	0.3	0	0	3921.1	-0.02
261	24	1979	1.52	0	0	2.64	0.99	0	0	0	-1.4	0.3	0	0	3923.9	-0.02
262	24	1979	1.27	0	0	2.89	0.73	0	0	0	-1.8	0.3	0	0	3926.8	-0.03
263	24	1979	0	0	0	3.04	1.33	0	0	0	-3.3	0.3	0	0	3929.8	-0.03
264	24	1979	0	0	0	2.22	1.13	0	0	0	-2.5	0.3	0	0	3932.1	0
265	24	1979	0	0	0	2.86	1.22	0	0	0	-3.1	0.3	0	0	3934.9	-0.04
266	24	1979	0	0	0	2.75	1.2	0	0	0	-3.0	0.3	0	0	3937.7	0
267	24	1979	0	0	0	2.62	1.31	0	0	0	-2.9	0.3	0	0	3940.3	0
268	24	1979	0	0	0	2.84	1.47	0	0	0	-3.1	0.3	0	0	3943.1	-0.01
269	24	1979	0	0	0	2	1.17	0	0	0	-2.2	0.3	0	0	3945.1	-0.02
270	24	1979	0	0	0	1.81	1.18	0	0	0	-2.1	0.2	0	0	3947	0
271	24	1979	11.94	0	0	2.39	0.34	0	0	0	9.3	0.2	0	0	3949.3	-0.01
272	24	1979	0	0	0	1.94	1.07	0	0	0	-2.2	0.2	0	0	3951.3	-0.01
273	24	1979	0	0	0	2.65	1.46	0	0	0	-2.9	0.2	0	0	3953.9	-0.04
274	24	1979	0	0	0	1.86	0.89	0	0	0	-2.1	0.2	0	0	3955.8	-0.03
275	24	1979	0	0	0	2.14	1.21	0	0	0	-2.4	0.2	0	0	3957.9	-0.03
276	24	1979	0.51	0	0	1.42	0.63	0	0	0	-1.1	0.2	0	0	3959.4	-0.05
277	24	1979	0	0	0	2.2	1.2	0	0	0	-2.4	0.2	0	0	3961.6	-0.03
278	24	1979	30.23	0	0	2.23	0.23	0	0	0	27.8	0.2	0	0	3963.8	-0.06
279	24	1979	1.27	0	0	2.84	0.92	0	0	0	-1.8	0.2	0	0	3966.6	-0.05
280	24	1979	2.29	0	0	2.67	0.54	0	0	0	-0.6	0.2	0	0	3969.3	-0.02
281	24	1979	0.51	0	0	2.45	0.86	0	0	0	-2.1	0.2	0	0	3971.8	-0.03
282	24	1979	3.81	0	0	2.27	0.16	0	0	0	1.3	0.2	0	0	3974	-0.01
283	24	1979	0	0	0	1.71	0.89	0	0	0	-1.9	0.2	0	0	3975.7	-0.01
284	24	1979	0	0	0	2	1.08	0	0	0	-2.2	0.2	0	0	3977.7	-0.02
285	24	1979	3.81	0	0	2.3	0.28	0	0	0	1.3	0.2	0	0	3980	-0.01
286	24	1979	4.06	0.05	0	2.15	0.13	0	0	0	1.7	0.2	0	0	3982.2	-0.01
287	24	1979	3.3	0.23	0	1.93	0.05	0	0	0	1.0	0.2	0	0	3984.1	-0.01
288	24	1979	0	0	0	1.46	0.65	0	0	0	-1.4	0.2	0	0	3985.6	-0.02
289	24	1979	0	0	0	1.34	0.86	0	0	0	-1.5	0.2	0	0	3986.9	-0.02
290	24	1979	1.78	0	0	1.43	0.16	0	0	0	0.2	0.2	0	0	3988.3	-0.02
291	24	1979	0	0	0	1.16	0.78	0	0	0	-1.3	0.2	0	0	3989.5	-0.03
292	24	1979	0	0	0	1.92	1.67	0	0	0	-2.1	0.2	0	0	3991.4	-0.05
293	24	1979	1.27	0	0	2.16	1.4	0	0	0	-1.1	0.2	0	0	3993.6	-0.01
294	24	1979	0	0	0	1.62	1.59	0	0	0	-1.8	0.2	0	0	3995.2	0.01
295	24	1979	0	0	0	1.56	1.42	0	0	0	-1.8	0.2	0	0	3996.8	-0.01
296	24	1979	12.7	0	0	2.81	0.51	0	0	0	9.8	0.2	0	0	3999.6	-0.07
297	24	1979	0.76	0	0	2.43	0.9	0	0	0	-1.8	0.2	0	0	4002	-0.03
298	24	1979	0.51	0	0	1.78	0.57	0	0	0	-1.4	0.2	0	0	4003.8	-0.03
299	24	1979	1.02	0	0	1.64	0.3	0	0	0	-0.8	0.2	0	0	4005.4	-0.02
300	24	1979	0	0	0	0.7	0	0	0	0	-0.9	0.2	0	0	4006.1	-0.01
301	24	1979	6.1	0.71	0	1.42	0.07	0	0	0	3.8	0.2	0	0	4007.5	0.01
302	24	1979	0	0	0	1.46	0.32	0	0	0	-0.9	0.2	0	0	4009	-0.02
303	24	1979	0	0	0	0.74	0.3	0	0	0	-0.9	0.2	0	0	4009.7	-0.03
304	24	1979	0	0	0	1.51	1.19	0	0	0	-1.7	0.2	0	0	4011.2	-0.02
305	24	1979	0	0	0	1.59	1.42	0	0	0	-1.8	0.2	0	0	4012.8	-0.02
306	24	1979	17.02	0.58	0	1.68	0.12	0	0	0	14.6	0.2	0	0	4014.5	0.01
307	24	1979	0	0	0	1.47	0.41	0	0	0	-1.1	0.2	0	0	4016	-0.02
308	24	1979	0	0	0	1.06	0.61	0	0	0	-1.2	0.2	0	0	4017.1	-0.03
309	24	1979	0	0	0	0.92	0.73	0	0	0	-1.1	0.2	0	0	4018	-0.01
310	24	1979	0	0	0	1.19	0.95	0	0	0	-1.4	0.2	0	0	4019.2	-0.01
311	24	1979	4.32	1.3	0	0.93	0.04	0	0	0	1.9	0.2	0	0	4020.1	0
312	24	1979	0	0	0	2.29	0.54	0	0	0	-1.2	0.2	0	0	4022.4	-0.02
313	24	1979	9.65	0.56	0	1.63	0.1	0	0	0	7.3	0.2	0	0	4024	0.01
314	24	1979	0.51	0	0	1.64	0.57	0	0	0	-0.8	0.2	0	0	4025.7	-0.01
315	24	1979	0	0	0	0.87	0.53	0	0	0	-1.0	0.2	0	0	4026.5	-0.03
316	24	1979	0	0	0	0.98	0.49	0	0	0	-1.1	0.2	0	0	4027.5	-0.03
317	24	1979	5.08	1.5	0	0.7	0	0	0	0	2.7	0.2	0	0	4028.2	-0.01
318	24	1979	0.76	1.17	0	1.01	0	0	0	0	-0.1	0.2	0	0	4029.2	-0.01
319	24	1979	0.76	0.83	0	1.12	0	0	0	0	-0.2	0.2	0	0	4030.3	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
320	24	1979	3.56	0.4	0.57	1.99	0	0	1.79	0	0.0	0.2	0	0	4032.3	0
321	24	1979	0	0	1.9	0.9	0.46	0	-1.79	0	1.1	0.2	0	0	4033.2	0
322	24	1979	0	0	0	0.62	0.56	0	0	0	-0.8	0.2	0	0	4033.9	-0.01
323	24	1979	0	0	0	0.94	0.74	0	0	0	-1.1	0.2	0	0	4034.8	-0.04
324	24	1979	0.51	0	0	1.11	0.76	0	0	0	-0.8	0.2	0	0	4035.9	-0.01
325	24	1979	0	0	0	0.96	0.76	0	0	0	-1.1	0.2	0	0	4036.9	-0.02
326	24	1979	5.84	1.25	0	0.69	0.04	0	0	0	3.7	0.2	0	0	4037.6	0.01
327	24	1979	0.51	0	0	1.68	0.11	0	0	0	-0.1	0.2	0	0	4039.3	-0.01
328	24	1979	5.59	0.7	0	1.36	0.04	0	0	0	3.4	0.2	0	0	4040.6	-0.04
329	24	1979	13.21	1.33	0	0.76	0	0	0	0	11.7	0.2	0	0	4041.4	0
330	24	1979	14.99	0.64	0	1.22	0	0	0	0	14.3	0.2	0	0	4042.6	0
331	24	1979	0	0	0	2.11	0.89	0	0	0	-1.6	0.2	0	0	4044.7	-0.02
332	24	1979	0.25	0	0	1.68	1.01	0	0	0	-1.6	0.2	0	0	4046.4	-0.02
333	24	1979	0	0	0	0.95	0	0	0	0	-1.1	0.2	0	0	4047.3	-0.02
334	24	1979	0	0	0	0.66	0	0	0	0	-0.8	0.2	0	0	4048	-0.01
335	24	1979	0	0	0	0.51	0	0	0	0	-0.7	0.2	0	0	4048.5	0
336	24	1979	1.27	0.04	0.11	1.16	0	0	0	0	-0.1	0.2	0	0	4049.7	0.01
337	24	1979	0	0	0	0.52	0	0	0	0	-0.7	0.2	0	0	4050.2	0
338	24	1979	0.51	0	0	0.4	0	0	0	0	-0.1	0.2	0	0	4050.6	-0.01
339	24	1979	0	0	0	1.21	1.11	0	0	0	-1.4	0.2	0	0	4051.8	0
340	24	1979	2.79	0	0	2.11	0.35	0	0	0	0.5	0.2	0	0	4053.9	0
341	24	1979	0	0	0	0.69	0.47	0	0	0	-0.9	0.2	0	0	4054.6	0
342	24	1979	1.78	0	0	2.06	0.36	0	0	0	-0.4	0.2	0	0	4056.7	-0.02
343	24	1979	1.78	0	0.47	1.6	0	0	0	0	0.0	0.2	0	0	4058.3	0
344	24	1979	0	0	0	0.65	0.54	0	0	0	-0.8	0.2	0	0	4058.9	0
345	24	1979	0	0	0	1.72	1.65	0	0	0	-1.9	0.2	0	0	4060.6	0
346	24	1979	2.54	0	0	2.07	0.38	0	0	0	0.3	0.2	0	0	4062.7	-0.01
347	24	1979	0	0	0	0.57	0	0	0	0	-0.7	0.2	0	0	4063.3	0
348	24	1979	4.06	1.03	0.11	0.97	0	0	2.25	0	-0.4	0.2	0	0	4064.2	0
349	24	1979	0	0	0.34	1.15	0	0	-0.24	0	0.0	0.2	0	0	4065.4	0
350	24	1979	0.76	0	1.45	0.94	0.41	0	-0.96	0	0.6	0.2	0	0	4066.3	0
351	24	1979	2.03	0.32	0	1.24	0	0	1.23	0	-0.9	0.2	0	0	4067.5	0
352	24	1979	3.56	1.03	0	0.63	0	0	2.64	0	-0.6	0.2	0	0	4068.2	0
353	24	1979	1.27	1.09	0	0.5	0	0	0.97	0	-0.4	0.2	0	0	4068.7	0
354	24	1979	0	0.21	0	0.89	0	0	0.17	0	-0.4	0.2	0	0	4069.6	0
355	24	1979	0	0	0	0.23	0	0	0.12	0	-0.3	0.2	0	0	4069.8	0
356	24	1979	0	0	1.69	0.42	0.43	0	-1.64	0	-0.6	0.2	1.61	0	4070.2	0
357	24	1979	0.76	0	3.63	0.67	0.27	0	-3.27	0	0.4	0.2	2.76	0	4070.9	0.01
358	24	1979	11.43	1.61	1.06	0.14	0.01	0	-1.28	0	1.8	0.2	9.02	0	4071	0
359	24	1979	11.43	1.15	0	0.42	0	0	0	0	11.3	0.2	0	0	4071.5	-0.01
360	24	1979	0.76	0.78	0	0.95	0	0	0	0	0.0	0.2	0	0	4072.4	-0.01
361	24	1979	0	0	0	1.07	0	0	0	0	-0.5	0.2	0	0	4073.5	-0.01
362	24	1979	0	0	0	0.21	0	0	0	0	-0.4	0.2	0	0	4073.7	0
363	24	1979	0	0	0	0.28	0.25	0	0	0	-0.5	0.2	0	0	4074	0
364	24	1979	0	0	0	0.52	0.26	0	0	0	-0.7	0.2	0	0	4074.5	-0.03
365	24	1979	0	0	0	0.3	0	0	0	0	-0.5	0.2	0	0	4074.8	0
1	24	1980	0	0	0	0.04	0	0	0	0	-0.2	0.2	0	0	4074.8	0
2	24	1980	0.25	0	0.11	0.7	0	0	0	0	-0.6	0.2	0	0	4075.5	-0.02
3	24	1980	0.25	0	0.11	0.92	0	0	0	0	-0.9	0.2	0	0.11	4076.4	-0.02
4	24	1980	0	0	0	0.36	0	0	0	0	-0.5	0.2	0	0.11	4076.8	0
5	24	1980	0	0	0	0.45	0	0	0	0	-0.6	0.2	0	0.11	4077.2	0
6	24	1980	0	0	0	0.41	0	0	0	0	-0.6	0.2	0	0.11	4077.6	-0.01
7	24	1980	0	0	0	0.6	0.4	0	0	0	-0.7	0.2	0	0	4078.2	0.01
8	24	1980	0	0	0	0.45	0	0	0	0	-0.6	0.2	0	0	4078.7	-0.01
9	24	1980	0.25	0	0.11	0.59	0	0	0	0	-0.6	0.2	0	0.11	4079.3	-0.02
10	24	1980	0.25	0	0.22	0.49	0	0	0	0	-0.5	0.2	0	0.22	4079.8	-0.01
11	24	1980	0.25	0	0	0.92	0.92	0	0	0	-0.7	0.2	0	0	4080.7	0.03
12	24	1980	0.25	0	0.11	1.12	0	0	0	0	-1.0	0.2	0	0	4081.8	-0.03
13	24	1980	0	0	0	0.3	0	0	0	0	-0.5	0.2	0	0	4082.1	0
14	24	1980	10.92	1.24	0	0.44	0	0	0	0	7.3	0.2	1.77	0	4082.6	0.01
15	24	1980	0	0.6	0	0.74	0	0	0	0	-0.3	0.2	0	0	4083.3	-0.01
16	24	1980	0	0	0	0.96	0.08	0	0	0	-0.5	0.2	0	0	4084.3	0
17	24	1980	0.51	0	0	0.99	0.62	0	0	0	-0.7	0.2	0	0	4085.3	-0.01
18	24	1980	0	0	0	0.37	0.39	0	0	0	-0.6	0.2	0	0	4085.6	0.01
19	24	1980	0.76	0	0	0.5	0	0	0	0	0.1	0.2	0	0	4086.1	-0.03
20	24	1980	0.76	0	0.33	1.08	0	0	0	0	-0.5	0.2	0	0	4087.2	-0.01
21	24	1980	3.3	0.5	0	1.29	0	0	1.78	0	-0.4	0.2	0	0	4088.5	0
22	24	1980	0.51	0	0.02	0.79	0	0	0.39	0	-0.3	0.2	0	0	4089.3	-0.01
23	24	1980	0	0	0	0.16	0	0	0.12	0	-0.5	0.2	0	0	4089.4	-0.01
24	24	1980	8.13	0.68	0	0.66	0	0	7.03	0	-0.4	0.2	0	0	4090.1	0
25	24	1980	1.52	0.75	0	0.53	0	0	1.04	0	-0.3	0.2	0	0	4090.6	0
26	24	1980	7.62	0.45	0	0.6	0	0	7.39	0	-0.3	0.2	0	0	4091.2	0
27	24	1980	0.25	0.03	0	0.54	0	0	0.2	0	-0.2	0.2	0	0	4091.8	0
28	24	1980	1.52	0	0	0.75	0	0	0.89	0	-0.3	0.2	0	0	4092.5	0
29	24	1980	0	0	0	0.09	0	0	0.02	0	-0.3	0.2	0	0	4092.6	-0.01
30	24	1980	0	0	0	0.07	0	0	0.11	0	-0.4	0.2	0	0	4092.7	0
31	24	1980	0	0	0	0.07	0	0	0.13	0	-0.4	0.2	0	0	4092.8	0
32	24	1980	0.25	0	0	0.18	0	0	0.26	0	-0.4	0.2	0	0	4092.9	0
33	24	1980	0.76	0	0	0.4	0	0	0.53	0	-0.3	0.2	0	0	4093.3	0
34	24	1980	1.52	0.11	0	0.6	0	0	0.92	0	-0.3	0.2	0	0	4093.9	0
35	24	1980	0.51	0	0	0.36	0	0	0.4	0	-0.3	0.2	0	0	4094.3	-0.01
36	24	1980	1.02	0	0	0.47	0	0	0.68	0	-0.3	0.2	0	0	4094.8	0
37	24	1980	0	0	0	0.02	0	0	0.11	0	-0.3	0.2	0	0	4094.8	0
38	24	1980	0	0	0	0.05	0	0	0.04	0	-0.3	0.2	0	0	4094.8	0
39	24	1980	0	0	0	0.03	0	0	0.06	0	-0.3	0.2	0	0	4094.9	0
40	24	1980	0	0	0	0.05	0	0	0.02	0	-0.3	0.2	0	0	4094.9	0
41	24	1980	0	0	0	0.04	0	0	0.05	0	-0.3	0.2	0	0	4095	0
42	24	1980	0.25	0	0	0.17	0	0	0.13	0	-0.2	0.2	0	0	4095.1	0
43	24	1980	2.79	0.4	0	0.88	0	0	1.58	0	-0.2	0.2	0	0	4096	0
44	24	1980	3.56	0	0	1.25	0	0	2.78	0	-0.3	0.2	0	0	4097.3	0
45	24	1980	0	0	0	0.05	0	0	-0.01	0	-0.2	0.2	0	0	4097.3	0
46	24	1980	1.02	0	0	0.46	0	0	0.64	0	-0.3	0.2	0	0	4097.8	0
47	24	1980	6.6	0.17	0	0.8	0	0	5.71	0	-0.3	0.2	0	0	4098.6	0
48	24	1980	4.32	0.09	0	0.85	0	0	3.6	0	-0.2	0.2	0	0	4099.4	0
49	24	1980	0	0	0	0.19	0	0	-0.05	0	-0.2	0.2	0	0	4099.6	0
50	24	1980	0	0	0	0.3	0.27	0	-0.02	0	-0.5	0.2	0	0	4099.9	0
51	24	1980	0	0	0.74	0.65	0.64	0	-0.77	0	-0.1	0.2	0	0	4100.6	0
52	24	1980	0.25	0	1.2	0.1	0	0	-1.08	0	1.1	0.2	0	0	4100.7	0
53	24	1980	4.57	0.05	0.68	1.04	0	0	2.79	0	0.5	0.2	0	0	4101.7	0
54	24	1980	0	0	1.41	0.12	0	0	-1.49	0	1.2	0.2	0	0	4101.8	-0.01
55	24	1980	1.02	0	2.43	0.51	0	0	-1.94	0	2.3	0.2	0	0	4102.3	0
56	24	1980	0	0	2.12	0.09	0	0	-2.16	0	0.6	0.2	1.27	0	4102.4	-0.01
57	24	1980	0	0	0	0.32	0	0	-0.2	0	-0.3	0.2	0	0	4102.7	0
58	24	1980	1.78	0	0	0.96	0	0	0.88	0	-0.2	0.2	0	0	4103.7	0
59	24	1980	1.78	0	0	0.83	0	0	1.02	0	-0.2	0.2	0	0	4104.5	-0.01
60	24	1980	3.05	0.44	0	0.65	0	0	2.02	0	-0.2	0.2	0	0	4105.2	0
61	24	1980	0.25	0	0	0.56	0	0	0.18	0	-0.2	0.2	0	0	4105.8	0
62	24	1980	0	0	0	0.07	0	0	-0.02	0	-0.2	0.2	0	0	4105.8	0
63	24	1980	0.25	0	0	0.21	0	0	0.07	0	-0.2	0.2	0	0	4106	0
64	24	1980	0	0	0.08	0.05	0	0	-0.12	0	-0.2	0.2	0.08	0	4106.1	0
65	24	1980	8.13	0	7.17	1.11	0	0	-0.21	0	-0.1	0.2	7.16	0	4107.2	0
66	24	1980	2.03	0	0.24	1.04	0	0	0.76	0	-0.2	0.2	0.23	0	4108.2	-0.01
67	24	1980	2.03	0.11	0.37	0.81	0	0	0.72	0	-0.1	0.2	0.28	0	4109.1	0
68	24	1980	10.67	0.63	9.97	0.7	0	0	-0.53	0	0.0	0.2	9.83	0	4109.7	0
69	24	1980	0	0	0.95	0.72	0	0	-1.04	0	-0.1	0.2	0.91	0	4110.5	0
70	24	1980	0.25	0	3.23	0.82	0.65	0	-3.15	0	-0.4	0.2	2.84	0	4111.3	0
71	24	1980	2.03	0	0.64	1.62	0.37	0	0.17	0	-0.4	0.2	0.5	0	4112.9	-0.01
72	24	1980	0.51	0	0	0.86	0	0	-0.27	0	-0.2	0.2	0	0	4113.8	-0.01
73	24	1980	2.29	0	0	1.35	0	0	0.98	0	-0.2	0.2	0	0	4115.1	0
74	24	1980	11.43	0.05	0	1.01	0	0	10.35	0	-0.2	0.2	0	0	4116.1	0.02
75	24	1980	0.76	0	0	0.55	0	0	0.28	0	-0.2	0.2	0	0	4116.7	-0.01
76	24	1980	0	0	0.05	0.08	0	0	-0.12	0	-0.2	0.2	0.05	0	4116.8	0
77	24	1980	0.25	0	1.6	0.93	0.86	0	-1.44	0	-0.8	0.2	1.36	0	4117.7	0.01
78	24	1980	6.6	0	13.03	2.05	0.78	0	-7.71	0	0.0	0.2	12.12	0	4119.7	0
79	24	1980	0	0	4.81	0.89	0.84	0	-4.85	0	0.0	0.2	3.78	0	4120.6	-0.01
80	24	1980	0	0	9.28	1.51	1.54	0	-9.26	0	0.1	0.2	7.48	0	4122.1	0
81	24	1980	23.62	0.12	31.33	1.2	0	0	-9.02	0	0.3	0.2	30.87	0	4123.3	0
82	24	1980	2.54	0	8.23	1.41	0	0	-6.9	0	-0.1	0.2	8.06	0	4124.7	-0.01
83	24	1980	0	0	4.5	0.13	0	0	-4.46	0	-0.2	0.2	4.36	0	4124.9	0.01
84	24	1980	6.86	0	0	2.13	0.56	0	0	0	-0.4	0.2	4.96	0	4127	0
85	24	1980	3.56	0.07	0	1.62	0	0	0	0	1.7	0.2	0	0	4128.6	-0.01
86	24	1980	0	0	0	1.44	0.73	0	0	0	-1.5	0.2	0	0	4130.1	-0.01
87	24	1980	0	0	0	1.05	0.96	0	0	0	-1.2	0.2	0	0	4131.1	0
88	24	1980	0	0	0	2.22	1.77	0	0	0	-2.4	0.2	0	0	4133.3	-0.01
89	24	1980	21.08	0	0	2.13	0.27	0	0	0	18.8	0.2	0	0	4135.5	0
90	24	1980	0.76	0	0	1.02	0.59	0	0	0	-0.4	0.2	0	0	4136.5	-0.03
91	24	1980	4.32	0	0	1.99	0.01	0	0	0	2.2	0.2	0	0	4138.5	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
92	24	1980	0	0	0	1.51	1.15	0	0	0	-1.7	0.2	0	0	4140	-0.01
93	24	1980	0.51	0	0	2.32	1.17	0	0	0	-2.0	0.2	0	0	4142.3	-0.01
94	24	1980	0	0	0	2.72	1.47	0	0	0	-2.9	0.2	0	0	4145	-0.01
95	24	1980	10.41	0	0	2.88	0.98	0	0	0	7.4	0.2	0	0	4147.9	0
96	24	1980	0.51	0	0	2.6	1.24	0	0	0	-2.2	0.2	0	0	4150.5	-0.03
97	24	1980	0	0	0	2.66	1.58	0	0	0	-2.8	0.2	0	0	4153.2	0
98	24	1980	0	0	0	4.57	2.88	0	0	0	-4.7	0.2	0	0	4157.7	-0.02
99	24	1980	3.56	0	0	4.61	1.96	0	0	0	-1.2	0.2	0	0	4162.3	0
100	24	1980	22.1	0	0	2.63	0.68	0	0	0	19.3	0.2	0	0	4165	0
101	24	1980	0.76	0	0	3.18	1.17	0	0	0	-2.5	0.2	0	0	4168.1	-0.03
102	24	1980	0	0	0	1.98	1.04	0	0	0	-2.1	0.2	0	0	4170.1	-0.02
103	24	1980	9.91	0	0	2.13	0.17	0	0	0	7.6	0.2	0	0	4172.3	-0.01
104	24	1980	0	0	0	2.86	1.35	0	0	0	-3.0	0.2	0	0	4175.1	-0.03
105	24	1980	3.3	0	0	2.27	0.33	0	0	0	0.9	0.2	0	0	4177.4	0
106	24	1980	5.33	0	0	3.62	0.86	0	0	0	1.6	0.2	0	0	4181	-0.01
107	24	1980	1.02	0	0	2.59	0	0	0	0	-1.7	0.2	0	0	4183.6	-0.03
108	24	1980	0	0	0	1.71	0.85	0	0	0	-1.8	0.2	0	0	4185.3	-0.02
109	24	1980	0.51	0	0	2.73	1.52	0	0	0	-2.4	0.2	0	0	4188	0
110	24	1980	0	0	0	3.15	1.92	0	0	0	-3.3	0.2	0	0	4191.2	-0.01
111	24	1980	0	0	0	2.21	1.42	0	0	0	-2.4	0.2	0	0	4193.4	-0.01
112	24	1980	0	0	0	4.02	1.91	0	0	0	-4.2	0.2	0	0	4197.4	0
113	24	1980	0	0	0	3.95	1.86	0	0	0	-4.1	0.2	0	0	4201.4	-0.01
114	24	1980	0	0	0	1.98	1.44	0	0	0	-2.1	0.2	0	0	4203.4	-0.02
115	24	1980	1.02	0	0	2.07	0.79	0	0	0	-1.2	0.2	0	0	4205.4	-0.01
116	24	1980	6.1	0	0	1.88	0.18	0	0	0	4.1	0.2	0	0	4207.3	-0.02
117	24	1980	0	0	0	3.36	1.77	0	0	0	-3.5	0.2	0	0	4210.7	-0.01
118	24	1980	0	0	0	3.53	1.74	0	0	0	-3.7	0.2	0	0	4214.2	-0.01
119	24	1980	12.45	0	0	2.55	0.42	0	0	0	9.8	0.2	0	0	4216.8	0
120	24	1980	7.11	0	0	2.47	0.5	0	0	0	4.5	0.2	0	0	4219.2	-0.01
121	24	1980	0	0	0	3.67	1.92	0	0	0	-3.8	0.2	0	0	4222.9	-0.01
122	24	1980	0	0	0	3.35	1.88	0	0	0	-3.5	0.2	0	0	4226.2	-0.03
123	24	1980	1.78	0	0	4.48	1.68	0	0	0	-2.8	0.2	0	0	4230.7	-0.01
124	24	1980	0	0	0	4.89	2.75	0	0	0	-5.0	0.2	0	0	4235.6	-0.02
125	24	1980	0	0	0	5.44	2.53	0	0	0	-5.6	0.2	0	0	4241	-0.02
126	24	1980	0	0	0	4.81	3.04	0	0	0	-5.0	0.2	0	0	4245.9	0.01
127	24	1980	1.52	0	0	2.83	1.06	0	0	0	-1.5	0.2	0	0	4248.7	-0.02
128	24	1980	0	0	0	5.43	2.47	0	0	0	-5.6	0.2	0	0	4254.1	-0.03
129	24	1980	0	0	0	4.56	1.77	0	0	0	-4.7	0.2	0	0	4258.7	-0.01
130	24	1980	0.76	0	0	4.12	1.57	0	0	0	-3.5	0.2	0	0	4262.8	-0.02
131	24	1980	0	0	0	4.2	2.19	0	0	0	-4.4	0.2	0	0	4267	0
132	24	1980	2.54	0	0	3.76	1.4	0	0	0	-1.4	0.2	0	0	4270.8	-0.01
133	24	1980	0.51	0	0	2.26	1.34	0	0	0	-1.9	0.2	0	0	4273	0.01
134	24	1980	8.13	0	0	2.93	0.54	0	0	0	5.0	0.2	0	0	4276	0.01
135	24	1980	2.54	0	0	5.39	1.8	0	0	0	-3.0	0.2	0	0	4281.3	-0.02
136	24	1980	0	0	0	3.5	1.65	0	0	0	-3.7	0.2	0	0	4284.8	-0.02
137	24	1980	0	0	0	2.16	1.49	0	0	0	-2.3	0.2	0	0	4287	0
138	24	1980	0	0	0	5.78	3.02	0	0	0	-5.9	0.2	0	0	4292.8	-0.01
139	24	1980	12.45	0	0	5.32	1.6	0	0	0	7.0	0.2	0	0	4298.1	-0.02
140	24	1980	0	0	0	4.22	1.91	0	0	0	-4.4	0.2	0	0	4302.3	-0.03
141	24	1980	0	0	0	4.88	2.36	0	0	0	-5.0	0.2	0	0	4307.2	-0.03
142	24	1980	0	0	0	4.82	2.34	0	0	0	-5.0	0.2	0	0	4312	-0.01
143	24	1980	0	0	0	5.95	2.98	0	0	0	-6.1	0.2	0	0	4318	-0.02
144	24	1980	0	0	0	6.05	3.25	0	0	0	-6.2	0.2	0	0	4324	-0.01
145	24	1980	0	0	0	4.73	3.39	0	0	0	-4.9	0.2	0	0	4328.8	-0.01
146	24	1980	0	0	0	2.85	2.68	0	0	0	-3.0	0.2	0	0	4331.6	-0.01
147	24	1980	0	0	0	2.26	2.14	0	0	0	-2.4	0.2	0	0	4333.9	-0.01
148	24	1980	0	0	0	2.16	2.08	0	0	0	-2.3	0.2	0	0	4336	-0.01
149	24	1980	0	0	0	2.59	2.43	0	0	0	-2.8	0.2	0	0	4338.6	-0.01
150	24	1980	0	0	0	1.67	1.8	0	0	0	-1.8	0.2	0	0	4340.3	-0.01
151	24	1980	0.51	0	0	2.48	2.04	0	0	0	-2.2	0.2	0	0	4342.8	0
152	24	1980	3.3	0	0	4.7	1.63	0	0	0	-1.6	0.2	0	0	4347.5	0
153	24	1980	16.51	0	0	5.13	1.32	0	0	0	11.2	0.2	0	0	4352.6	-0.01
154	24	1980	4.32	0	0	3.19	0.93	0	0	0	1.0	0.2	0	0	4355.8	-0.02
155	24	1980	7.37	0	0	2.94	0.65	0	0	0	4.3	0.2	0	0	4358.7	-0.03
156	24	1980	0.76	0	0	4.58	1.7	0	0	0	-4.0	0.2	0	0	4363.3	-0.02
157	24	1980	0	0	0	4.64	2	0	0	0	-4.8	0.2	0	0	4368	-0.02
158	24	1980	12.45	0	0	5.34	1.94	0	0	0	6.9	0.2	0	0	4373.3	-0.03
159	24	1980	3.56	0	0	3.98	0.84	0	0	0	-0.6	0.2	0	0	4377.3	-0.01
160	24	1980	15.24	0	0	5.1	1.48	0	0	0	10.0	0.2	0	0	4382.4	-0.02
161	24	1980	10.16	0	0	4.56	0.96	0	0	0	5.4	0.2	0	0	4386.9	-0.02
162	24	1980	0	0	0	2.72	1.21	0	0	0	-2.9	0.2	0	0	4389.7	-0.01
163	24	1980	0	0	0	5.22	2.05	0	0	0	-5.4	0.2	0	0	4394.9	-0.01
164	24	1980	0	0	0	3.08	1.72	0	0	0	-3.3	0.2	0	0	4398	0.01
165	24	1980	0	0	0	4.2	2.35	0	0	0	-4.4	0.2	0	0	4402.2	0
166	24	1980	0	0	0	3.27	2.14	0	0	0	-3.5	0.2	0	0	4405.4	0.01
167	24	1980	13.21	0	0	4.26	1.34	0	0	0	8.8	0.2	0	0	4409.7	-0.03
168	24	1980	0	0	0	4.77	1.8	0	0	0	-4.9	0.2	0	0	4414.5	-0.02
169	24	1980	0	0	0	4.76	2.09	0	0	0	-5.0	0.2	0	0	4419.2	-0.01
170	24	1980	0	0	0	5.57	2.46	0	0	0	-5.8	0.2	0	0	4424.8	-0.01
171	24	1980	0	0	0	5.31	2.54	0	0	0	-5.5	0.2	0	0	4430.1	-0.01
172	24	1980	14.99	0	0	4.18	1.27	0	0	0	10.6	0.2	0	0	4434.3	-0.01
173	24	1980	0	0	0	4.27	2.12	0	0	0	-4.4	0.2	0	0	4438.6	-0.03
174	24	1980	0	0	0	3.56	2	0	0	0	-3.8	0.2	0	0	4442.1	0
175	24	1980	0	0	0	5.1	2.46	0	0	0	-5.3	0.2	0	0	4447.2	-0.01
176	24	1980	0	0	0	3.46	2.1	0	0	0	-3.7	0.2	0	0	4450.7	0.01
177	24	1980	0	0	0	3.41	2.01	0	0	0	-3.6	0.2	0	0	4454.1	-0.01
178	24	1980	0	0	0	2.9	1.89	0	0	0	-3.1	0.2	0	0	4457	-0.03
179	24	1980	0	0	0	2.57	1.88	0	0	0	-2.7	0.2	0	0	4459.6	-0.01
180	24	1980	3.81	0	0	4.71	1.14	0	0	0	-1.1	0.2	0	0	4464.3	-0.01
181	24	1980	6.86	0	0	4.01	0.96	0	0	0	-2.7	0.2	0	0	4468.3	-0.01
182	24	1980	3.81	0	0	3.71	0.59	0	0	0	-0.1	0.2	0	0	4472	-0.03
183	24	1980	0	0	0	3.6	1.32	0	0	0	-3.8	0.2	0	0	4475.6	-0.02
184	24	1980	3.81	0	0	3.75	0.69	0	0	0	-0.1	0.2	0	0	4479.4	-0.01
185	24	1980	0	0	0	3.11	1.26	0	0	0	-3.3	0.2	0	0	4482.5	-0.03
186	24	1980	0	0	0	2.38	1.18	0	0	0	-2.5	0.2	0	0	4484.8	-0.03
187	24	1980	2.79	0	0	3.04	0.73	0	0	0	-0.4	0.2	0	0	4487.9	-0.01
188	24	1980	0	0	0	2.18	1.04	0	0	0	-2.4	0.2	0	0	4490.1	-0.02
189	24	1980	0	0	0	1.38	1.26	0	0	0	-1.6	0.2	0	0	4491.4	-0.01
190	24	1980	1.27	0	0	2.09	0.95	0	0	0	-1.0	0.2	0	0	4493.5	0
191	24	1980	0	0	0	0.88	0.84	0	0	0	-1.1	0.2	0	0	4494.4	-0.01
192	24	1980	0	0	0	1.07	0.97	0	0	0	-1.3	0.2	0	0	4495.5	-0.01
193	24	1980	0	0	0	0.82	0.86	0	0	0	-1.0	0.2	0	0	4496.3	-0.01
194	24	1980	0	0	0	0.66	0.55	0	0	0	-0.8	0.2	0	0	4497	-0.01
195	24	1980	0	0	0	0.75	0.67	0	0	0	-0.9	0.2	0	0	4497.7	0
196	24	1980	0	0	0	0.58	0.59	0	0	0	-0.8	0.2	0	0	4498.3	-0.01
197	24	1980	0	0	0	0.77	0.79	0	0	0	-0.9	0.2	0	0	4499.1	0
198	24	1980	0.25	0	0	0.79	0.64	0	0	0	-0.7	0.2	0	0	4499.9	-0.01
199	24	1980	0	0	0	0.6	0.57	0	0	0	-0.8	0.2	0	0	4500.5	-0.01
200	24	1980	0	0	0	0.86	0.63	0	0	0	-1.0	0.2	0	0	4501.3	-0.02
201	24	1980	0.51	0	0	0.91	0.52	0	0	0	-0.6	0.2	0	0	4502.2	-0.01
202	24	1980	6.1	0	0	2.26	0.2	0	0	0	3.7	0.2	0	0	4504.5	0.02
203	24	1980	3.56	0	0	2.92	0.34	0	0	0	0.5	0.2	0	0	4507.4	-0.01
204	24	1980	5.33	0	0	4.8	0.72	0	0	0	0.4	0.2	0	0	4512.2	-0.02
205	24	1980	0	0	0	3.25	0.63	0	0	0	-3.4	0.2	0	0	4515.5	-0.02
206	24	1980	0	0	0	2.33	0.63	0	0	0	-2.5	0.2	0	0	4517.8	-0.03
207	24	1980	0	0	0	1.5	0.57	0	0	0	-1.6	0.2	0	0	4519.3	-0.03
208	24	1980	0.25	0	0	0.62	0.43	0	0	0	-0.5	0.2	0	0	4519.9	-0.01
209	24	1980	16	0	0	5.12	1.78	0	0	0	10.7	0.2	0	0	4525	-0.01
210	24	1980	0.25	0	0	2.88	2.03	0	0	0	-2.7	0.2	0	0	4527.9	-0.05
211	24	1980	22.1	0	0	3.5	0.81	0	0	0	18.5	0.2	0	0	4531.4	-0.03
212	24	1980	3.05	0	0	6.15	2.39	0	0	0	-3.2	0.2	0	0	4537.6	-0.03
213	24	1980	0	0	0	5.79	3.97	0	0	0	-5.9	0.2	0	0	4543.3	-0.03
214	24	1980	11.43	0	0	5.55	2.18	0	0	0	5.7	0.2	0	0	4548.9	-0.02
215	24	1980	4.83	0	0	6.1	2.62	0	0	0	-1.4	0.2	0	0	4555	-0.02
216	24	1980	1.78	0	0	3.97	1.92	0	0	0	-2.3	0.2	0	0	4559	-0.01
217	24	1980	0	0	0	3.37	2.63	0	0	0	-3.5	0.2	0	0	4562.3	-0.03
218	24	1980	0	0	0	3.33	2.87	0	0	0	-3.5	0.2	0	0	4565.7	-0.04
219	24	1980	1.52	0	0	5.68	3.22	0	0	0	-4.3	0.2	0	0	4571.4	-0.03
220	24	1980	1.52	0	0	4.75	2.47	0	0	0	-3.4	0.2	0	0	4576.1	-0.03
221	24	1980	3.81	0	0	4.49	1.33	0	0	0	-0.9	0.2	0	0	4580.6	0.02
222	24	1980	0	0	0	2.96	1.63	0	0	0	-3.1	0.2	0	0	4583.6	-0.03
223	24	1980	0	0	0	2.98	1.55	0	0	0	-3.1	0.2	0	0	4586.5	-0.04
224	24	1980	1.02	0	0	1.79	0.64	0	0	0	-0.9	0.2	0	0	4588.3	-0.02
225	24	1980	0	0	0	2.48	1.06	0	0	0	-2.6	0.2	0	0	4590.8	-0.04
226	24	1980	0	0	0	2.03	0.9	0	0	0	-2.1	0.2	0	0	4592.8	-0.05
227	24	1980	3.05	0	0	3.22	0.49	0	0	0	-0.3	0.2	0	0	4596.1	-0.01
228	24	1980	1.02	0	0	1.37	0.43	0	0	0	-0.5	0.2	0	0	4597.4	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
229	24	1980	0.25	0	0	1.25	0.54	0	0	0	-1.1	0.2	0	0	4598.7	-0.03
230	24	1980	0	0	0	1.56	0.84	0	0	0	-1.7	0.2	0	0	4600.2	-0.03
231	24	1980	0.51	0	0	1.05	0.64	0	0	0	-0.7	0.2	0	0	4601.3	0
232	24	1980	0	0	0	0.72	0.69	0	0	0	-0.9	0.2	0	0	4602	-0.02
233	24	1980	0	0	0	0.75	0.63	0	0	0	-0.9	0.2	0	0	4602.8	-0.03
234	24	1980	0	0	0	0.54	0.52	0	0	0	-0.7	0.2	0	0	4603.3	-0.03
235	24	1980	0	0	0	0.4	0.42	0	0	0	-0.5	0.2	0	0	4603.7	-0.02
236	24	1980	0	0	0	0.73	0.54	0	0	0	-0.9	0.2	0	0	4604.4	-0.02
237	24	1980	0	0	0	0.24	0.41	0	0	0	-0.4	0.2	0	0	4604.7	-0.02
238	24	1980	0	0	0	0.77	0.49	0	0	0	-0.9	0.2	0	0	4605.4	-0.06
239	24	1980	0	0	0	0.52	0.46	0	0	0	-0.6	0.2	0	0	4606	-0.04
240	24	1980	0	0	0	0.2	0.42	0	0	0	-0.3	0.2	0	0	4606.2	-0.01
241	24	1980	0	0	0	0.37	0.32	0	0	0	-0.5	0.2	0	0	4606.5	-0.03
242	24	1980	0	0	0	0.37	0.37	0	0	0	-0.5	0.2	0	0	4606.9	-0.02
243	24	1980	3.05	0	0	2.7	0.26	0	0	0	0.2	0.2	0	0	4609.6	-0.01
244	24	1980	0	0	0	0.64	0.37	0	0	0	-0.8	0.1	0	0	4610.2	-0.02
245	24	1980	21.59	0	0	4.4	1.22	0	0	0	17.1	0.1	0	0	4614.6	-0.01
246	24	1980	22.35	0	0	3.37	0.14	0	0	0	18.9	0.1	0	0	4618	-0.07
247	24	1980	0	0	0	3.4	2.6	0	0	0	-3.5	0.1	0	0	4621.4	-0.05
248	24	1980	0	0	0	2.68	2.29	0	0	0	-2.8	0.1	0	0	4624.1	-0.03
249	24	1980	1.02	0	0	3.55	2.49	0	0	0	-2.7	0.1	0	0	4627.6	0.01
250	24	1980	0	0	0	3.11	2.53	0	0	0	-3.2	0.1	0	0	4630.7	-0.05
251	24	1980	0	0	0	3.59	2.69	0	0	0	-3.7	0.1	0	0	4634.3	-0.05
252	24	1980	0	0	0	2.3	1.82	0	0	0	-2.4	0.1	0	0	4636.6	-0.04
253	24	1980	5.59	0	0	4.36	1.23	0	0	0	1.1	0.1	0	0	4641	-0.04
254	24	1980	0	0	0	3.28	2.44	0	0	0	-3.4	0.1	0	0	4644.3	-0.05
255	24	1980	0	0	0	3.95	3.05	0	0	0	-4.1	0.1	0	0	4648.2	-0.02
256	24	1980	0	0	0	2.44	1.73	0	0	0	-2.6	0.1	0	0	4650.7	-0.03
257	24	1980	5.33	0	0	4.58	1.34	0	0	0	0.6	0.1	0	0	4655.2	-0.01
258	24	1980	3.05	0	0	3.03	0.45	0	0	0	-0.1	0.1	0	0	4658.3	-0.05
259	24	1980	0	0	0	2.67	1.63	0	0	0	-2.8	0.1	0	0	4660.9	-0.04
260	24	1980	0	0	0	2.3	1.49	0	0	0	-2.4	0.1	0	0	4663.2	-0.04
261	24	1980	6.86	0	0	3.77	1.07	0	0	0	3.0	0.1	0	0	4667	-0.02
262	24	1980	0	0	0	1.89	1.04	0	0	0	-2.0	0.1	0	0	4668.9	-0.04
263	24	1980	0	0	0	2.1	1.37	0	0	0	-2.2	0.1	0	0	4671	-0.03
264	24	1980	3.05	0	0	3.17	0.78	0	0	0	-0.2	0.1	0	0	4674.2	-0.02
265	24	1980	0.25	0	0	1.52	1.13	0	0	0	-1.4	0.1	0	0	4675.7	-0.01
266	24	1980	10.16	0	0	3.1	0.58	0	0	0	7.0	0.1	0	0	4678.8	-0.03
267	24	1980	3.3	0	0	3.04	0.14	0	0	0	0.2	0.1	0	0	4681.8	-0.05
268	24	1980	0	0	0	2.21	1.46	0	0	0	-2.3	0.1	0	0	4684	-0.02
269	24	1980	0	0	0	2.53	1.59	0	0	0	-2.6	0.1	0	0	4686.6	-0.03
270	24	1980	3.81	0	0	3.09	0.39	0	0	0	0.6	0.1	0	0	4689.7	-0.02
271	24	1980	0	0	0	2.05	1.12	0	0	0	-2.2	0.1	0	0	4691.7	-0.02
272	24	1980	0	0	0	1.49	0.92	0	0	0	-1.6	0.1	0	0	4693.2	-0.02
273	24	1980	0	0	0	1.52	1.01	0	0	0	-1.6	0.1	0	0	4694.7	-0.02
274	24	1980	0	0	0	1.62	1.1	0	0	0	-1.8	0.1	0	0	4696.3	0.01
275	24	1980	0	0	0	1.18	0.8	0	0	0	-1.3	0.1	0	0	4697.5	-0.03
276	24	1980	1.52	0	0	1.55	0.23	0	0	0	-0.1	0.1	0	0	4699.1	-0.01
277	24	1980	0	0	0	0.95	0.47	0	0	0	-1.1	0.1	0	0	4700	-0.02
278	24	1980	2.29	0	0	2.37	0.24	0	0	0	-0.2	0.1	0	0	4702.4	-0.02
279	24	1980	0	0	0	1.1	0.41	0	0	0	-1.2	0.1	0	0	4703.5	-0.01
280	24	1980	0.51	0	0	1.05	0.29	0	0	0	-0.7	0.1	0	0	4704.5	0
281	24	1980	0	0	0	0.66	0.31	0	0	0	-0.8	0.1	0	0	4705.2	0
282	24	1980	0	0	0	1.21	0.55	0	0	0	-1.3	0.1	0	0	4706.4	-0.03
283	24	1980	0	0	0	1.16	0.26	0	0	0	-1.3	0.1	0	0	4707.6	-0.02
284	24	1980	0	0	0	1.39	0.4	0	0	0	-1.5	0.1	0	0	4709	-0.02
285	24	1980	0	0	0	1.2	0.44	0	0	0	-1.3	0.1	0	0	4710.2	-0.01
286	24	1980	1.78	0	0	1.61	0.2	0	0	0	0.1	0.1	0	0	4711.8	-0.03
287	24	1980	2.03	0	0	1.9	0.13	0	0	0	0.0	0.1	0	0	4713.7	-0.02
288	24	1980	0	0	0	1.06	0.25	0	0	0	-1.2	0.1	0	0	4714.7	-0.02
289	24	1980	0	0	0	0.28	0.19	0	0	0	-0.4	0.1	0	0	4715	-0.01
290	24	1980	0.25	0	0	0.25	0.19	0	0	0	-0.1	0.1	0	0	4715.3	-0.01
291	24	1980	0.25	0	0	1.1	0.46	0	0	0	-1.0	0.1	0	0	4716.4	-0.01
292	24	1980	7.37	0	0	1.32	0.19	0	0	0	6.0	0.1	0	0	4717.7	-0.03
293	24	1980	0	0	0	1.52	0.15	0	0	0	-1.6	0.1	0	0	4719.2	-0.05
294	24	1980	1.52	0	0	1.81	0.09	0	0	0	-0.4	0.1	0	0	4721	-0.03
295	24	1980	1.27	0	0	1.51	0.1	0	0	0	-0.3	0.1	0	0	4722.5	-0.01
296	24	1980	0	0	0	1.32	0.09	0	0	0	-1.4	0.1	0	0	4723.8	-0.04
297	24	1980	0	0	0	1.08	0.1	0	0	0	-1.2	0.1	0	0	4724.9	-0.03
298	24	1980	0	0	0	1.54	0.15	0	0	0	-1.6	0.1	0	0	4726.5	-0.02
299	24	1980	40.13	0	0	1.77	0.1	0	0	0	38.3	0.1	0	0	4728.2	0
300	24	1980	4.06	0	0	3.63	0.11	0	0	0	0.4	0.1	0	0	4731.9	-0.03
301	24	1980	0	0	0	2.83	0.11	0	0	0	-2.9	0.1	0	0	4734.7	-0.02
302	24	1980	2.03	0	0	1.31	0.02	0	0	0	0.6	0.1	0	0	4736	0
303	24	1980	0	0	0	1.67	0.02	0	0	0	-1.8	0.1	0	0	4737.7	0
304	24	1980	0	0	0	1.54	0.01	0	0	0	-1.6	0.1	0	0	4739.2	0
305	24	1980	0	0	0	4.28	0	0	0	0	-4.4	0.1	0	0	4743.5	0
306	24	1980	1.02	0	0	2.41	0	0	0	0	-1.5	0.1	0	0	4745.9	0
307	24	1980	0	0	0	1.92	0	0	0	0	-2.0	0.1	0	0	4747.8	0
308	24	1980	0	0	0	1.72	0.01	0	0	0	-1.8	0.1	0	0	4749.6	0
309	24	1980	4.32	0	0	2.35	0.01	0	0	0	1.9	0.1	0	0	4751.9	0.01
310	24	1980	0.25	0	0	2.72	0.01	0	0	0	-2.6	0.1	0	0	4754.6	0.03
311	24	1980	4.06	0	0	1.6	0.01	0	0	0	2.4	0.1	0	0	4756.2	0
312	24	1980	8.89	0	0	1.17	0.02	0	0	0	7.6	0.1	0	0	4757.4	0.01
313	24	1980	2.03	0	0	1.9	0.01	0	0	0	0.0	0.1	0	0	4759.3	0
314	24	1980	3.3	0	0	1.3	0.01	0	0	0	1.9	0.1	0	0	4760.6	-0.01
315	24	1980	0.25	0	0	4.12	0.02	0	0	0	-4.0	0.1	0	0	4764.7	0
316	24	1980	0.51	0	0	3.06	0	0	0	0	-2.7	0.1	0	0	4767.8	-0.01
317	24	1980	0.51	0	0	1.97	0	0	0	0	-1.6	0.1	0	0	4769.7	-0.01
318	24	1980	0	0	0	0.84	0.05	0	0	0	-0.9	0.1	0	0	4770.6	0
319	24	1980	0.51	0	0	1.23	0.03	0	0	0	-0.8	0.1	0	0	4771.8	0
320	24	1980	0	0	0	0.92	0	0	0	0	-1.0	0.1	0	0	4772.7	0
321	24	1980	0	0	0	1.42	0	0	0	0	-1.5	0.1	0	0	4774.2	0
322	24	1980	5.84	0	0	0.11	0	0	5.82	0	-0.2	0.1	0	0	4774.3	0
323	24	1980	5.59	0	0	0.23	0	0	5.41	0	-0.2	0.1	0	0	4774.5	0
324	24	1980	0	0	0	0.17	0	0	-0.1	0	-0.2	0.1	0	0	4774.7	0
325	24	1980	0	0	1.94	0.06	0.01	0	-1.98	0	1.8	0.1	0	0	4774.7	0
326	24	1980	2.03	0	5.34	0.32	0.01	0	-3.5	0	5.1	0.1	0	0	4775	0
327	24	1980	0	0	4.72	0.02	0.04	0	-4.52	0	4.4	0.1	0	0	4775.1	0
328	24	1980	0.76	0	1.42	0.26	0.07	0	-1.13	0	1.5	0.1	0	0	4775.3	0
329	24	1980	17.53	0	0	0.62	0.02	0	0	0	16.8	0.1	0	0	4775.9	0
330	24	1980	2.29	0	0	0.83	0	0	0	0	1.4	0.1	0	0	4776.8	-0.01
331	24	1980	0	0	0	1.03	0	0	0	0	-1.1	0.1	0	0	4777.8	0
332	24	1980	1.78	0	0	0.49	0	0	1.65	0	-0.4	0.1	0	0	4778.3	-0.02
333	24	1980	4.57	0	5.37	0.1	0	0	-0.79	0	5.2	0.1	0	0	4778.4	0
334	24	1980	1.02	0	1.56	0.41	0	0	-0.86	0	1.4	0.1	0	0	4778.8	0
335	24	1980	0	0	0	1.56	0.08	0	0	0	-1.6	0.1	0	0	4780.4	-0.01
336	24	1980	0	0	0	0.8	0.07	0	0	0	-0.9	0.1	0	0	4781.1	0
337	24	1980	13.21	0	0	1.57	0.12	0	0	0	11.6	0.1	0	0	4782.7	-0.01
338	24	1980	9.65	0	0	2.11	0	0	8.96	0	-1.5	0.1	0	0	4784.8	0.01
339	24	1980	0	0	0	0.09	0	0	0.18	0	-0.4	0.1	0	0	4784.9	0
340	24	1980	0	0	0	0.12	0	0	0.21	0	-0.4	0.1	0	0	4785	0
341	24	1980	0	0	0	0.03	0	0	0.25	0	-0.4	0.1	0	0	4785.1	0
342	24	1980	7.62	0	0	0.02	0	0	7.72	0	-0.2	0.1	0	0	4785.1	0.01
343	24	1980	7.11	0	17.61	-0.2	0.07	0	-10.23	0	6.0	0.1	11.46	0	4784.9	0
344	24	1980	2.54	0	3.98	0.2	0	0	-1.54	0	2.3	0.1	1.5	0	4785.1	0
345	24	1980	0.76	0	1.15	0.19	0	0	-0.36	0	0.8	0.1	0.08	0	4785.3	-0.01
346	24	1980	0.25	0	0	0.36	0	0	0.3	0	-0.5	0.1	0	0	4785.6	-0.01
347	24	1980	1.52	0	0	0.32	0	0	1.36	0	-0.2	0.1	0	0	4786	0
348	24	1980	2.79	0	0	0.16	0	0	2.78	0	-0.2	0.1	0	0	4786.1	0
349	24	1980	5.84	0	0	0.28	0	0	5.72	0	-0.2	0.1	0	0	4786.4	-0.01
350	24	1980	2.03	0	0	0.03	0	0	2.1	0	-0.2	0.1	0	0	4786.4	0
351	24	1980	0.76	0	0	0	0	0	0.86	0	-0.2	0.1	0	0	4786.4	0
352	24	1980	0.25	0	0	0.04	0	0	0.34	0	-0.2	0.1	0	0	4786.5	0
353	24	1980	1.78	0	0	0.05	0	0	1.79	0	-0.1	0.1	0	0	4786.5	0
354	24	1980	6.1	0	0	0.28	0	0	5.9	0	-0.2	0.1	0	0	4786.8	0
355	24	1980	2.54	0	0	-0.07	0	0	2.69	0	-0.2	0.1	0	0	4786.7	0
356	24	1980	1.78	0	0	-0.11	0	0	1.94	0	-0.1	0.1	0	0	4786.6	0
357	24	1980	0.25	0	0	0.03	0	0	0.28	0	-0.1	0.1	0	0	4786.6	0
358	24	1980	0	0	0	0.06	0	0	-0.01	0	-0.1	0.1	0	0	4786.7	0
359	24	1980	6.86	0	0	-0.07	0	0	7.02	0	-0.2	0.1	0	0	4786.6	0
360	24	1980	0.51	0	0	-0.02	0	0	0.6	0	-0.2	0.1	0	0	4786.6	0
361	24	1980	0	0	0	0.05	0	0	0.03	0	-0.2	0.1	0	0	4786.7	0
362	24	1980	0	0	0	0.04	0	0	0.03	0	-0.1	0.1	0	0	4786.7	0
363	24	1980	0	0	0	-0.01	0	0	0.07	0	-0.1	0.1	0	0	4786.7	0
364	24	1980	8.89	0	6.38	-0.09	0	0	2.58	0	-0.1	0.1	6.38	0	4786.6	0
365	24	1980	0	0	0	0.13	0	0	-0.06	0	-0.2	0.1	0	0	4786.7	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
366	24	1980	0	0	0	0.03	0	0	0.09	0	-0.2	0.1	0	0	4786.8	0
1	24	1981	0.51	0	0	0.09	0	0	0.51	0	-0.2	0.1	0	0	4786.8	0
2	24	1981	3.81	0	0	-0.07	0	0	3.95	0	-0.2	0.1	0	0	4786.8	0
3	24	1981	1.02	0	0	0.05	0	0	1.03	0	-0.1	0.1	0	0	4786.8	0
4	24	1981	3.05	0	0	0.02	0	0	3.09	0	-0.1	0.1	0	0	4786.8	0
5	24	1981	0	0	0	0.01	0	0	0.04	0	-0.1	0.1	0	0	4786.9	0
6	24	1981	3.3	0	0	0.16	0	0	3.18	0	-0.1	0.1	0	0	4787	0
7	24	1981	4.06	0	0	0.1	0	0	3.99	0	-0.1	0.1	0	0	4787.1	0
8	24	1981	2.54	0	0	-0.08	0	0	2.66	0	-0.1	0.1	0	0	4787	0
9	24	1981	0.76	0	0	0	0	0	0.8	0	-0.1	0.1	0	0	4787	0
10	24	1981	2.03	0	0	-0.09	0	0	2.16	0	-0.1	0.1	0	0	4786.9	0
11	24	1981	0	0	0	0	0	0	0.04	0	-0.1	0.1	0	0	4786.9	0
12	24	1981	0	0	0	-0.03	0	0	0.09	0	-0.1	0.1	0	0	4786.9	0
13	24	1981	0	0	0	0.02	0	0	0.05	0	-0.1	0.1	0	0	4786.9	0
14	24	1981	0	0	0	0	0	0	0.06	0	-0.1	0.1	0	0	4786.9	0
15	24	1981	0	0	0	0	0	0	0.05	0	-0.1	0.1	0	0	4786.9	0
16	24	1981	2.03	0	0	-0.04	0	0	2.12	0	-0.1	0.1	0	0	4786.9	0
17	24	1981	1.27	0	0	-0.04	0	0	1.36	0	-0.1	0.1	0	0	4786.9	0
18	24	1981	1.27	0	0	-0.09	0	0	1.41	0	-0.1	0.1	0	0	4786.8	0
19	24	1981	0	0	0	-0.1	0	0	0.12	0	-0.1	0.1	0	0	4786.7	0
20	24	1981	0	0	0	0.01	0	0	0.02	0	-0.1	0.1	0	0	4786.7	0
21	24	1981	0	0	0	0.03	0	0	0.03	0	-0.1	0.1	0	0	4786.7	0
22	24	1981	3.05	0	0	-0.11	0	0	3.21	0	-0.1	0.1	0	0	4786.6	0
23	24	1981	1.52	0	0	0.14	0	0	1.4	0	-0.1	0.1	0	0	4786.8	0
24	24	1981	1.52	0	0	-0.04	0	0	1.6	0	-0.1	0.1	0	0	4786.7	0
25	24	1981	0	0	0	0.01	0	0	0.03	0	-0.1	0.1	0	0	4786.7	0
26	24	1981	0	0	1.21	-0.08	0	0	-1.13	0	-0.1	0.1	1.21	0	4786.6	0
27	24	1981	0.51	0	1.14	-0.01	0	0	-0.65	0	0.0	0.1	1.14	0	4786.6	0
28	24	1981	1.02	0	0	0.14	0	0	0.89	0	-0.1	0.1	0	0	4786.8	0
29	24	1981	0	0	0	0.11	0	0	-0.05	0	-0.1	0.1	0	0	4786.9	0
30	24	1981	0.76	0	0	0.11	0	0	0.72	0	-0.1	0.1	0	0	4787	0
31	24	1981	0	0	0	0.15	0	0	-0.1	0	-0.1	0.1	0	0	4787.1	0
32	24	1981	6.86	0	0	0.49	0	0	6.41	0	-0.1	0.1	0	0	4787.6	0
33	24	1981	11.18	0	0.68	0.03	0	0	10.46	0	-0.1	0.1	0.68	0	4787.7	0
34	24	1981	0	0	0	0.62	0	0	-0.62	0	-0.1	0.1	0	0	4788.3	0
35	24	1981	0	0	0	0.3	0	0	-0.25	0	-0.1	0.1	0	0	4788.6	0
36	24	1981	0.25	0	0	0.24	0	0	0.07	0	-0.1	0.1	0	0	4788.8	0
37	24	1981	1.52	0	0	0.02	0	0	1.55	0	-0.1	0.1	0	0	4788.8	0
38	24	1981	0	0	0	0.1	0	0	-0.07	0	-0.1	0.1	0	0	4788.9	0
39	24	1981	3.81	0	0	-0.07	0	0	3.9	0	-0.1	0.1	0	0	4788.9	0
40	24	1981	0	0	0	0.58	0	0	-0.57	0	-0.1	0.1	0	0	4789.4	0
41	24	1981	0	0	0	0.33	0	0	-0.31	0	-0.1	0.1	0	0	4789.8	0
42	24	1981	10.67	0	26.27	-0.49	0.07	0	-15.12	0	-0.1	0.1	26.24	0	4789.3	0.04
43	24	1981	0	0	0	0.53	0	0	-0.5	0	-0.1	0.1	0	0	4789.8	-0.01
44	24	1981	0	0	0	0.23	0	0	-0.19	0	-0.1	0.1	0	0	4790	0
45	24	1981	0	0	0	0.17	0	0	-0.15	0	-0.1	0.1	0	0	4790.2	0
46	24	1981	0	0	2.22	0.28	0.19	0	-2.32	0	-0.3	0.1	2.22	0	4790.5	0
47	24	1981	0.25	0	8.59	0.4	0.34	0	-8.42	0	-0.3	0.1	8.53	0	4790.9	0
48	24	1981	0	0	13.08	0.18	0.37	0	-12.91	0	1.8	0.1	10.84	0	4791.1	0
49	24	1981	0	0	12.65	0.5	0.59	0	-12.56	0	6.8	0.1	5.2	0	4791.6	-0.01
50	24	1981	1.78	0	18.82	0.66	0.37	0	-17.34	0	18.4	0.1	0	0	4792.2	0
51	24	1981	12.95	0	31.6	0.31	0.05	0	-18.92	0	31.5	0.1	0	0	4792.6	0.01
52	24	1981	0	0	6.5	0.14	0.3	0	-6.4	0	6.2	0.1	0	0	4792.7	-0.01
53	24	1981	0	0	0	1.7	0.86	0	0	0	-1.7	0.1	0	0	4794.4	-0.03
54	24	1981	13.21	0	0	2.01	0.35	0	0	0	11.2	0.1	0	0	4796.4	-0.02
55	24	1981	0	0	0	1.13	0.53	0	0	0	-1.2	0.1	0	0	4797.5	-0.01
56	24	1981	2.03	0	0	1.96	0	0	0	0	0.0	0.1	0	0	4799.5	-0.03
57	24	1981	2.03	0	0	1.58	0	0	0	0	0.4	0.1	0	0	4801.1	-0.03
58	24	1981	0	0	0	1.52	0.29	0	0	0	-1.6	0.1	0	0	4802.6	-0.01
59	24	1981	2.54	0	0	2.09	0.36	0	0	0	0.4	0.1	0	0	4804.7	-0.01
60	24	1981	0	0	0	1.38	0.29	0	0	0	-1.4	0.1	0	0	4806.1	-0.02
61	24	1981	0	0	0	1.35	0.24	0	0	0	-1.4	0.1	0	0	4807.4	-0.02
62	24	1981	3.05	0	0	1.53	0	0	2.39	0	-0.9	0.1	0	0	4808.9	-0.01
63	24	1981	0.25	0	0.61	0.24	0	0	-0.29	0	0.2	0.1	0	0	4809.2	0
64	24	1981	0	0	1.81	0.56	0.23	0	-2.1	0	1.5	0.1	0	0	4809.7	0.01
65	24	1981	0	0	0	1.22	0	0	0	0	-1.3	0.1	0	0	4811	0
66	24	1981	1.52	0	0.82	0.78	0	0	0	0	0.7	0.1	0	0	4811.7	0
67	24	1981	0.25	0	0	0.75	0.37	0	0	0	-0.6	0.1	0	0	4812.5	0
68	24	1981	0	0	0	1.31	0.27	0	0	0	-1.4	0.1	0	0	4813.8	-0.03
69	24	1981	0	0	0	1.27	0.29	0	0	0	-1.3	0.1	0	0	4815.1	0
70	24	1981	0.51	0	0	1.52	0.3	0	0	0	-1.1	0.1	0	0	4816.6	-0.02
71	24	1981	1.27	0	0	1.66	0.29	0	0	0	-0.4	0.1	0	0	4818.3	-0.02
72	24	1981	0.25	0	0	1.47	0.39	0	0	0	-1.3	0.1	0	0	4819.7	-0.01
73	24	1981	0.25	0	0.16	1.98	0	0	0	0	-1.9	0.1	0	0.16	4821.7	-0.02
74	24	1981	0	0	0	2.44	1.22	0	0	0	-2.3	0.1	0	0	4824.2	-0.02
75	24	1981	0.25	0	0	2.28	0.62	0	0	0	-2.1	0.1	0	0	4826.4	-0.01
76	24	1981	2.03	0	0	1.61	0	0	1.24	0	-0.9	0.1	0	0	4828	-0.01
77	24	1981	1.02	0	0	0.65	0	0	0.81	0	-0.5	0.1	0	0	4828.7	-0.01
78	24	1981	1.52	0	0	0.66	0	0	1.14	0	-0.3	0.1	0	0	4829.4	0
79	24	1981	1.27	0	1.16	0.52	0	0	-0.19	0	0.9	0.1	0	0	4829.9	0
80	24	1981	0	0	1.34	0.14	0	0	-1.31	0	0.9	0.1	0.22	0	4830	0
81	24	1981	0	0	1.27	0.7	0.67	0	-1.7	0	-0.3	0.1	1.19	0	4830.7	0
82	24	1981	0	0	0	1.33	0.89	0	0	0	-1.4	0.1	0	0	4832	-0.01
83	24	1981	0.25	0	0	2.02	0.82	0	0	0	-1.8	0.1	0	0	4834.1	0
84	24	1981	0	0	0	1.88	0.88	0	0	0	-1.9	0.1	0	0	4835.9	-0.01
85	24	1981	0	0	0	1.87	1.01	0	0	0	-1.9	0.1	0	0	4837.8	-0.01
86	24	1981	2.54	0	0	2.53	0.48	0	0	0	-0.1	0.1	0	0	4840.3	-0.01
87	24	1981	0	0	0	3.07	1.39	0	0	0	-3.1	0.1	0	0	4843.4	-0.01
88	24	1981	0	0	0	5.05	2.99	0	0	0	-5.1	0.1	0	0	4848.5	-0.01
89	24	1981	9.4	0	0	3.73	1.21	0	0	0	5.6	0.1	0	0	4852.2	0
90	24	1981	0	0	0	3.14	1.26	0	0	0	-3.2	0.1	0	0	4855.3	-0.03
91	24	1981	10.16	0	0	4	1.58	0	0	0	6.1	0.1	0	0	4859.3	-0.01
92	24	1981	0	0	0	4.36	1.61	0	0	0	-4.4	0.1	0	0	4863.7	-0.04
93	24	1981	0	0	0	3.08	2.32	0	0	0	-3.1	0.1	0	0	4866.8	-0.03
94	24	1981	0	0	0	4.65	2.85	0	0	0	-4.7	0.1	0	0	4871.4	-0.02
95	24	1981	0.76	0	0	3.53	1.44	0	0	0	-2.8	0.1	0	0	4875	-0.01
96	24	1981	0	0	0	2.95	0.97	0	0	0	-3.0	0.1	0	0	4877.9	-0.02
97	24	1981	0	0	0	3.52	2	0	0	0	-3.6	0.1	0	0	4881.4	-0.02
98	24	1981	0	0	0	5.75	3.58	0	0	0	-5.8	0.1	0	0	4887.2	-0.01
99	24	1981	3.05	0	0	5.25	2.05	0	0	0	-2.3	0.1	0	0	4892.4	0
100	24	1981	0	0	0	3.98	2.31	0	0	0	-4.0	0.1	0	0	4896.4	-0.01
101	24	1981	0	0	0	2.71	1.97	0	0	0	-2.8	0.1	0	0	4899.1	0
102	24	1981	0	0	0	2.51	1.33	0	0	0	-2.6	0.1	0	0	4901.6	-0.02
103	24	1981	0	0	0	3.13	2.26	0	0	0	-3.2	0.1	0	0	4904.8	-0.03
104	24	1981	6.1	0	0	5.08	1.63	0	0	0	1.0	0.1	0	0	4909.8	-0.01
105	24	1981	0	0	0	2.49	0	0	0	0	-2.5	0.1	0	0	4912.3	-0.01
106	24	1981	0	0	0	3.77	2.34	0	0	0	-3.8	0.1	0	0	4916.1	0
107	24	1981	5.59	0	0	2.86	0.78	0	0	0	2.7	0.1	0	0	4919	-0.02
108	24	1981	2.54	0	0	3.92	1.39	0	0	0	-1.4	0.1	0	0	4922.9	-0.03
109	24	1981	0	0	0	3.65	1.82	0	0	0	-3.7	0.1	0	0	4926.5	-0.03
110	24	1981	2.03	0	0	3.07	0.59	0	0	0	-1.1	0.1	0	0	4929.6	-0.02
111	24	1981	0	0	0	1.29	0	0	0	0	-1.4	0.1	0	0	4930.9	-0.01
112	24	1981	0	0	0	2.46	1.69	0	0	0	-2.5	0.1	0	0	4933.4	0
113	24	1981	11.94	0	0	4.26	1.12	0	0	0	7.6	0.1	0	0	4937.6	0
114	24	1981	2.29	0	0	3.76	1.12	0	0	0	-1.5	0.1	0	0	4941.4	-0.01
115	24	1981	1.78	0	0	3.39	0.79	0	0	0	-1.7	0.1	0	0	4944.8	-0.02
116	24	1981	0	0	0	2.96	2.22	0	0	0	-3.0	0.1	0	0	4947.7	-0.02
117	24	1981	0	0	0	2.72	2.31	0	0	0	-2.8	0.1	0	0	4950.4	-0.01
118	24	1981	0.51	0	0	4.44	2.57	0	0	0	-4.0	0.1	0	0	4954.9	-0.01
119	24	1981	5.08	0	0	4.91	1.58	0	0	0	0.1	0.1	0	0	4959.8	0
120	24	1981	0	0	0	4.49	2.78	0	0	0	-4.5	0.1	0	0	4964.3	-0.01
121	24	1981	0	0	0	3.7	2.38	0	0	0	-3.8	0.1	0	0	4968	-0.02
122	24	1981	0	0	0	3.91	2.22	0	0	0	-4.0	0.1	0	0	4971.9	-0.02
123	24	1981	0	0	0	3.8	2.36	0	0	0	-3.9	0.1	0	0	4975.7	-0.02
124	24	1981	0	0	0	3.97	2.63	0	0	0	-4.0	0.1	0	0	4979.7	-0.02
125	24	1981	0	0	0	3.32	2.26	0	0	0	-3.4	0.1	0	0	4983	-0.01
126	24	1981	2.79	0	0	2.86	0.73	0	0	0	-0.1	0.1	0	0	4985.8	-0.02
127	24	1981	0	0	0	1.93	1.07	0	0	0	-2.0	0.1	0	0	4987.8	-0.03
128	24	1981	0	0	0	1.08	1.1	0	0	0	-1.2	0.1	0	0	4988.9	-0.01
129	24	1981	0	0	0	1.49	1.26	0	0	0	-1.5	0.1	0	0	4990.3	-0.02
130	24	1981	0	0	0	1.46	1.4	0	0	0	-1.5	0.1	0	0	4991.8	0
131	24	1981	4.32	0	0	4	0.65	0	0	0	0.3	0.1	0	0	4995.8	-0.01
132	24	1981	6.6	0	0	3.04	0.14	0	0	0	3.5	0.1	0	0	4998.8	0.02
133	24	1981	0	0	0	2.7	0.79	0	0	0	-2.8	0.1	0	0	5001.5	-0.02
134	24	1981	1.27	0	0	3.18	0.81	0	0	0	-2.0	0.1	0	0	5004.7	-0.01
135	24	1981	11.94	0	0	4.95	1.46	0	0	0	6.9	0.1	0	0	5009.7	-0.02
136	24	1981	25.4	0	0	4.17	0.67	0	0	0	21.2	0.1	0	0	5013.8	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
137	24	1981	0	0	0	4.81	3.11	0	0	0	-4.9	0.1	0	0	5018.7	-0.04
138	24	1981	0	0	0	4.55	3.13	0	0	0	-4.6	0.1	0	0	5023.2	-0.03
139	24	1981	0	0	0	3.4	2.83	0	0	0	-3.5	0.1	0	0	5026.6	-0.01
140	24	1981	0	0	0	4.3	3.58	0	0	0	-4.4	0.1	0	0	5030.9	-0.02
141	24	1981	0	0	0	4.7	3.68	0	0	0	-4.8	0.1	0	0	5035.6	-0.02
142	24	1981	0	0	0	2.35	2.03	0	0	0	-2.4	0.1	0	0	5038	0
143	24	1981	0	0	0	2.35	1.85	0	0	0	-2.4	0.1	0	0	5040.3	-0.02
144	24	1981	0	0	0	2.06	1.67	0	0	0	-2.2	0.1	0	0	5042.4	0
145	24	1981	3.56	0	0	3.94	0.9	0	0	0	-0.5	0.1	0	0	5046.3	0
146	24	1981	0	0	0	2.38	1.41	0	0	0	-2.4	0.1	0	0	5048.7	-0.03
147	24	1981	0	0	0	1.33	0.95	0	0	0	-1.4	0.1	0	0	5050	-0.02
148	24	1981	0	0	0	1.18	0.83	0	0	0	-1.2	0.1	0	0	5051.2	-0.04
149	24	1981	2.03	0	0	2.7	0.59	0	0	0	-0.8	0.1	0	0	5053.9	0.01
150	24	1981	3.81	0	0	3.83	0.33	0	0	0	-0.1	0.1	0	0	5057.7	-0.05
151	24	1981	4.57	0	0	4.17	0.37	0	0	0	0.3	0.1	0	0	5061.9	0
152	24	1981	0	0	0	1.48	0.75	0	0	0	-1.5	0.1	0	0	5063.4	-0.04
153	24	1981	0	0	0	2.13	0.71	0	0	0	-2.2	0.1	0	0	5065.5	-0.02
154	24	1981	0.51	0	0	1.25	0.49	0	0	0	-0.8	0.1	0	0	5066.8	0.01
155	24	1981	0.51	0	0	1.38	0.59	0	0	0	-1.0	0.1	0	0	5068.1	-0.01
156	24	1981	0	0	0	0.9	0.56	0	0	0	-1.0	0.1	0	0	5069	-0.02
157	24	1981	0	0	0	1.03	0.59	0	0	0	-1.1	0.1	0	0	5070.1	-0.03
158	24	1981	0	0	0	1.43	0.49	0	0	0	-1.5	0.1	0	0	5071.5	-0.03
159	24	1981	0	0	0	0.82	0.64	0	0	0	-0.9	0.1	0	0	5072.3	-0.02
160	24	1981	10.41	0	0	5.04	1.13	0	0	0	5.3	0.1	0	0	5077.4	0.01
161	24	1981	4.06	0	0	4.01	0.49	0	0	0	0.0	0.1	0	0	5081.4	-0.03
162	24	1981	0	0	0	2.44	0.71	0	0	0	-2.5	0.1	0	0	5083.8	-0.03
163	24	1981	3.05	0	0	3.08	0.28	0	0	0	-0.2	0.1	0	0	5086.9	0.09
164	24	1981	0	0	0	1.11	0.5	0	0	0	-1.2	0.1	0	0	5088	-0.01
165	24	1981	6.6	0	0	4.66	0.75	0	0	0	1.9	0.1	0	0	5092.7	0.01
166	24	1981	0	0	0	1.26	0.72	0	0	0	-1.3	0.1	0	0	5093.9	-0.02
167	24	1981	7.11	0	0	3.91	1.13	0	0	0	3.2	0.1	0	0	5097.8	-0.04
168	24	1981	0	0	0	2.75	1.26	-0.01	0	0	-2.8	0.1	0	0	5100.6	-0.03
169	24	1981	0	0	0	2.52	0.84	0	0	0	-2.6	0.1	0	0	5103.1	-0.03
170	24	1981	0	0	0	2.08	0.8	0	0	0	-2.2	0.1	0	0	5105.2	0.01
171	24	1981	0	0	0	1.85	0.45	0	0	0	-1.9	0.1	0	0	5107	-0.02
172	24	1981	10.92	0	0	3.29	0.66	0	0	0	7.6	0.1	0	0	5110.3	-0.02
173	24	1981	2.79	0	0	4.48	1.71	0	0	0	-1.8	0.1	0	0	5114.8	-0.01
174	24	1981	0.25	0	0	2.6	0.77	0	0	0	-2.4	0.1	0	0	5117.4	-0.02
175	24	1981	0	0	0	2.7	0.69	0	0	0	-2.8	0.1	0	0	5120.1	-0.01
176	24	1981	1.27	0	0	2.31	0.46	0	0	0	-1.1	0.1	0	0	5122.4	-0.02
177	24	1981	0.51	0	0	1.66	0.27	0	0	0	-1.2	0.1	0	0	5124.1	-0.02
178	24	1981	0	0	0	1.64	0.64	0	0	0	-1.7	0.1	0	0	5125.7	-0.02
179	24	1981	0	0	0	1.01	0.71	0	0	0	-1.1	0.1	0	0	5126.7	-0.02
180	24	1981	0	0	0	0.23	0.49	0	0	0	-0.3	0.1	0	0	5127	-0.01
181	24	1981	0	0	0	0.68	0.65	0	0	0	-0.8	0.1	0	0	5127.6	0
182	24	1981	0	0	0	0.49	0.5	0	0	0	-0.6	0.1	0	0	5128.1	-0.02
183	24	1981	0	0	0	0.41	0.43	0	0	0	-0.5	0.1	0	0	5128.5	0
184	24	1981	0	0	0	0.36	0.36	0	0	0	-0.4	0.1	0	0	5128.9	-0.01
185	24	1981	0	0	0	0.42	0.41	0	0	0	-0.5	0.1	0	0	5129.3	-0.01
186	24	1981	2.03	0	0	2.43	0.35	0	0	0	-0.5	0.1	0	0	5131.7	-0.02
187	24	1981	0	0	0	0.54	0.44	0	0	0	-0.6	0.1	0	0	5132.3	-0.02
188	24	1981	0	0	0	0.43	0.4	0	0	0	-0.5	0.1	0	0	5132.7	-0.01
189	24	1981	0	0	0	0.45	0.42	0	0	0	-0.5	0.1	0	0	5133.2	-0.01
190	24	1981	0	0	0	0.34	0.43	0	0	0	-0.4	0.1	0	0	5133.5	0
191	24	1981	0	0	0	0.6	0.38	0	0	0	-0.7	0.1	0	0	5134.1	-0.02
192	24	1981	0	0	0	0.45	0.33	0	0	0	-0.5	0.1	0	0	5134.5	-0.02
193	24	1981	0	0	0	0.56	0.43	0	0	0	-0.6	0.1	0	0	5135.1	-0.03
194	24	1981	0.76	0	0	0.95	0.32	0	0	0	-0.3	0.1	0	0	5136	-0.01
195	24	1981	0	0	0	0.19	0.23	0	0	0	-0.3	0.1	0	0	5136.2	-0.01
196	24	1981	0	0	0	0.47	0.29	0	0	0	-0.5	0.1	0	0	5136.7	-0.02
197	24	1981	0	0	0	0.47	0.32	0	0	0	-0.5	0.1	0	0	5137.2	-0.02
198	24	1981	0	0	0	0.36	0.3	0	0	0	-0.4	0.1	0	0	5137.5	-0.01
199	24	1981	2.79	0	0	2.81	0.2	0	0	0	-0.1	0.1	0	0	5140.3	0
200	24	1981	0	0	0	0.26	0.22	0	0	0	-0.3	0.1	0	0	5140.6	-0.01
201	24	1981	25.15	0	0	3.86	0.86	0	0	0	21.2	0.1	0	0	5144.5	-0.03
202	24	1981	10.92	0	0	5.74	0.85	0	0	0	5.1	0.1	0	0	5150.2	-0.03
203	24	1981	0	0	0	6.23	1.15	0	0	0	-6.3	0.1	0	0	5156.4	-0.04
204	24	1981	0	0	0	5	0.98	0	0	0	-5.1	0.1	0	0	5161.4	-0.03
205	24	1981	0	0	0	5.03	1.01	0	0	0	-5.1	0.1	0	0	5166.5	-0.01
206	24	1981	0	0	0	1.31	1.15	0	0	0	-1.4	0.1	0	0	5167.8	0.01
207	24	1981	11.43	0	0	4.51	0.35	0	0	0	6.8	0.1	0	0	5172.3	0.01
208	24	1981	0	0	0	4.6	0.2	0	0	0	-4.7	0.1	0	0	5176.9	0.01
209	24	1981	14.99	0	0	3.41	0.05	0	0	0	11.5	0.1	0	0	5180.3	0.02
210	24	1981	0	0	0	6.11	0	0	0	0	-6.2	0.1	0	0	5186.4	0
211	24	1981	0	0	0	3.77	0	0	0	0	-3.9	0.1	0	0	5190.2	0
212	24	1981	0	0	0	1.82	0.01	0	0	0	-1.9	0.1	0	0	5192	0
213	24	1981	0	0	0	0.14	0.05	0	0	0	-0.2	0.1	0	0	5192.1	0
214	24	1981	0	0	0	0.06	0.04	0	0	0	-0.1	0.1	0	0	5192.2	-0.01
215	24	1981	0	0	0	-0.02	0.08	0	0	0	-0.1	0.1	0	0	5192.2	0
216	24	1981	0	0	0	0.11	0.07	0	0	0	-0.2	0.1	0	0	5192.3	0
217	24	1981	2.79	0	0	1.78	0.02	0	0	0	0.9	0.1	0	0	5194	0.02
218	24	1981	0	0	0	1.28	0.09	0	0	0	-1.4	0.1	0	0	5195.3	0.02
219	24	1981	0	0	0	0.42	0.14	0	0	0	-0.5	0.1	0	0	5195.8	0.01
220	24	1981	6.86	0	0	2.35	0.04	0	0	0	4.4	0.1	0	0	5198.1	0
221	24	1981	4.06	0	0	3.03	0.03	0	0	0	0.9	0.1	0	0	5201.1	0.04
222	24	1981	0	0	0	3.32	0.05	0	0	0	-3.4	0.1	0	0	5204.5	0
223	24	1981	18.03	0	0	4.27	0.02	0	0	0	13.7	0.1	0	0	5208.7	0.02
224	24	1981	0	0	0	3.95	0.04	0	0	0	-4.0	0.1	0	0	5212.7	0
225	24	1981	0	0	0	3	0.05	0	0	0	-3.1	0.1	0	0	5215.7	0
226	24	1981	0	0	0	4.08	0.05	0	0	0	-4.2	0.1	0	0	5219.8	0.01
227	24	1981	16.51	0	0	4.72	0.03	0	0	0	11.7	0.1	0	0	5224.5	0.02
228	24	1981	2.03	0	0	4.95	0.02	0	0	0	-3.0	0.1	0	0	5229.4	0.03
229	24	1981	0	0	0	5.38	0.06	0	0	0	-5.5	0.1	0	0	5234.8	0.03
230	24	1981	0	0	0	4.06	0.1	0	0	0	-4.2	0.1	0	0	5238.9	0.01
231	24	1981	0	0	0	0.28	0.24	0	0	0	-0.4	0.1	0	0	5239.2	0.02
232	24	1981	0	0	0	0.35	0.24	0	0	0	-0.4	0.1	0	0	5239.5	0.02
233	24	1981	0	0	0	0.39	0.23	0	0	0	-0.5	0.1	0	0	5239.9	0.01
234	24	1981	0	0	0	0.29	0.28	0	0	0	-0.4	0.1	0	0	5240.2	0.01
235	24	1981	0	0	0	0.4	0.25	0	0	0	-0.5	0.1	0	0	5240.6	0.02
236	24	1981	16.51	0	0	4.3	0.07	0	0	0	12.1	0.1	0	0	5244.9	0.02
237	24	1981	0	0	0	2.84	0.09	0	0	0	-2.9	0.1	0	0	5247.7	0.01
238	24	1981	0	0	0	4.23	0.1	0	0	0	-4.3	0.1	0	0	5252	0.02
239	24	1981	0	0	0	3.37	0.09	0	0	0	-3.5	0.1	0	0	5255.3	0.01
240	24	1981	0	0	0	1.67	0.24	0	0	0	-1.8	0.1	0	0	5257	0.02
241	24	1981	0	0	0	0.29	0.35	0	0	0	-0.4	0.1	0	0	5257.3	0.02
242	24	1981	0	0	0	0.45	0.32	0	0	0	-0.5	0.1	0	0	5257.7	0.01
243	24	1981	0	0	0	0.32	0.27	0	0	0	-0.4	0.1	0	0	5258.1	0.01
244	24	1981	0	0	0	0.46	0.33	0	0	0	-0.6	0.1	0	0	5258.5	0.01
245	24	1981	14.99	0	0	2.57	0.07	0	0	0	12.3	0.1	0	0	5261.1	0.03
246	24	1981	6.35	0	0	3.37	0.04	0	0	0	2.9	0.1	0	0	5264.5	0
247	24	1981	12.7	0	0	3.04	0.03	0	0	0	9.6	0.1	0	0	5267.5	0.01
248	24	1981	5.08	0	0	3.99	0.05	0	0	0	1.0	0.1	0	0	5271.5	0
249	24	1981	6.86	0	0	3.58	0.07	0	0	0	3.2	0.1	0	0	5275.1	-0.01
250	24	1981	0	0	0	3.48	0.14	0	0	0	-3.6	0.1	0	0	5278.6	0.01
251	24	1981	11.94	0	0	4.85	0.09	0	0	0	7.0	0.1	0	0	5283.4	0.01
252	24	1981	1.02	0	0	4.31	0.06	0	0	0	-3.4	0.1	0	0	5287.7	0
253	24	1981	1.52	0	0	4.82	0.12	0	0	0	-3.4	0.1	0	0	5292.5	0.01
254	24	1981	0	0	0	3.71	0.16	0	0	0	-3.8	0.1	0	0	5296.2	0.01
255	24	1981	1.02	0	0	3.87	0.12	0	0	0	-3.0	0.1	0	0	5300.1	0.02
256	24	1981	0	0	0	3.7	0.19	0	0	0	-3.8	0.1	0	0	5303.8	-0.01
257	24	1981	18.29	0	0	3.75	0.14	0	0	0	14.5	0.1	0	0	5307.6	0.01
258	24	1981	0	0	0	2.04	0.12	0	0	0	-2.1	0.1	0	0	5309.6	0
259	24	1981	0	0	0	2.79	0.13	0	0	0	-2.9	0.1	0	0	5312.4	0
260	24	1981	9.91	0	0	3.01	0.1	0	0	0	6.8	0.1	0	0	5315.4	0
261	24	1981	0	0	0	2.14	0.11	0	0	0	-2.2	0.1	0	0	5317.5	0
262	24	1981	0.25	0	0	3.52	0.12	0	0	0	-3.3	0.1	0	0	5321.1	-0.01
263	24	1981	0.25	0	0	3.22	0.1	0	0	0	-3.1	0.1	0	0	5324.3	0.01
264	24	1981	15.24	0	0	3.12	0.09	0	0	0	12.1	0.1	0	0	5327.4	-0.01
265	24	1981	19.81	0	0	1.58	0.02	0	0	0	18.2	0.1	0	0	5329	-0.01
266	24	1981	9.65	0.03	0	1.16	0	0	0	0	8.4	0.1	0	0	5330.1	0
267	24	1981	1.02	0	0	3.14	0.09	0	0	0	-2.2	0.1	0	0	5333.3	0
268	24	1981	0	0	0	3.07	0.18	0	0	0	-3.1	0.1	0	0	5336.4	-0.01
269	24	1981	0.51	0	0	2.29	0.13	0	0	0	-1.9	0.1	0	0	5338.7	0
270	24	1981	4.06	0	0	3.13	0.17	0	0	0	0.9	0.1	0	0	5341.8	0
271	24	1981	1.27	0	0	4.06	0.1	0	0	0	-2.9	0.1	0	0	5345.9	0
272	24	1981	0	0	0	3.29	0.11	0	0	0	-3.4	0.1	0	0	5349.1	-0.01
273	24	1981	0	0	0	2.67	0.11	0	0	0	-2.7	0.1	0	0	5351.8	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
274	24	1981	4.83	0	0	2.3	0.07	0	0	0	2.5	0.1	0	0	5354.1	-0.01
275	24	1981	6.35	0	0	2.46	0.07	0	0	0	3.8	0.1	0	0	5356.6	0
276	24	1981	5.33	0	0	2.29	0.04	0	0	0	3.0	0.1	0	0	5358.9	0
277	24	1981	0	0	0	2.81	0.12	0	0	0	-2.9	0.1	0	0	5361.7	0
278	24	1981	0	0	0	1.9	0.14	0	0	0	-2.0	0.1	0	0	5363.6	0
279	24	1981	15.49	0	0	3.14	0.17	0	0	0	12.3	0.1	0	0	5366.7	0
280	24	1981	13.21	0	0	2.38	0.04	0	0	0	10.8	0.1	0	0	5369.1	0
281	24	1981	10.67	0	0	2.88	0.08	0	0	0	7.7	0.1	0	0	5372	0
282	24	1981	0	0	0	1.84	0.08	0	0	0	-1.9	0.1	0	0	5373.8	-0.01
283	24	1981	0	0	0	1.81	0.15	0	0	0	-1.9	0.1	0	0	5375.6	0
284	24	1981	0	0	0	1.15	0.12	0	0	0	-1.2	0.1	0	0	5376.8	-0.01
285	24	1981	0	0	0	1.45	0.14	0	0	0	-1.5	0.1	0	0	5378.2	0
286	24	1981	0	0	0	0.93	0.16	0	0	0	-1.0	0.1	0	0	5379.1	0
287	24	1981	0	0	0	1.37	0.21	0	0	0	-1.4	0.1	0	0	5380.5	-0.01
288	24	1981	0	0	0	1.32	0.18	0	0	0	-1.4	0.1	0	0	5381.8	0
289	24	1981	0	0	0	1.43	0.08	0	0	0	-1.5	0.1	0	0	5383.3	0
290	24	1981	0	0	0	1.23	0.13	0	0	0	-1.3	0.1	0	0	5384.5	-0.01
291	24	1981	3.56	0	0	2.26	0.1	0	0	0	1.2	0.1	0	0	5386.7	0
292	24	1981	1.52	0	0	3.07	0.09	0	0	0	-1.6	0.1	0	0	5389.8	-0.01
293	24	1981	0	0	0	3.29	0.24	0	0	0	-3.4	0.1	0	0	5393.1	0
294	24	1981	0	0	0	1.35	0.14	0	0	0	-1.4	0.1	0	0	5394.4	0
295	24	1981	0	0	0	0.98	0.08	0	0	0	-1.0	0.1	0	0	5395.4	-0.01
296	24	1981	9.65	0	0	1.09	0	0	0	0	8.5	0.1	0	0	5396.5	-0.01
297	24	1981	0.76	0	0	1.9	0.08	0	0	0	-1.2	0.1	0	0	5398.4	-0.01
298	24	1981	0.25	0	0	1.75	0.14	0	0	0	-1.6	0.1	0	0	5400.2	0
299	24	1981	14.22	0	0	1.3	0.07	0	0	0	12.9	0.1	0	0	5401.5	0
300	24	1981	42.67	0	0	1.09	0.09	0	0	0	41.5	0.1	0	0	5402.6	-0.01
301	24	1981	40.64	0	0	2.38	0.13	0	0	0	38.2	0.1	0	0	5404.9	-0.02
302	24	1981	0	0	0	1.62	0.13	0	0	0	-1.7	0.1	0	0	5406.6	-0.01
303	24	1981	0	0	0	1.83	0.17	0	0	0	-1.9	0.1	0	0	5408.4	-0.02
304	24	1981	0	0	0	1.5	0.16	0	0	0	-1.5	0.1	0	0	5409.9	-0.02
305	24	1981	0	0	0	0.66	0.16	0	0	0	-0.7	0.1	0	0	5410.5	0
306	24	1981	0	0	0	1.68	0.2	0	0	0	-1.7	0.1	0	0	5412.2	-0.02
307	24	1981	0	0	0	1.33	0.18	0	0	0	-1.4	0.1	0	0	5413.6	0
308	24	1981	0	0	0	0.91	0.15	0	0	0	-1.0	0.1	0	0	5414.5	-0.01
309	24	1981	1.52	0	0	1.04	0.17	0	0	0	0.4	0.1	0	0	5415.5	-0.01
310	24	1981	10.67	0	0	1.16	0.05	0	0	0	9.5	0.1	0	0	5416.7	-0.01
311	24	1981	5.59	0	0	1.98	0.04	0	0	0	3.6	0.1	0	0	5418.7	-0.01
312	24	1981	0	0	0	0.99	0.14	0	0	0	-1.0	0.1	0	0	5419.6	-0.01
313	24	1981	0	0	0	1.39	0.14	0	0	0	-1.4	0.1	0	0	5421	-0.01
314	24	1981	0	0	0	1.12	0.08	0	0	0	-1.2	0.1	0	0	5422.2	-0.01
315	24	1981	0	0	0	0.97	0.09	0	0	0	-1.0	0.1	0	0	5423.1	0.01
316	24	1981	0	0	0	1.28	0	0	0	0	-1.3	0.1	0	0	5424.4	0
317	24	1981	0	0	0	0.51	0.11	0	0	0	-0.6	0.1	0	0	5424.9	0
318	24	1981	0	0	0	0.23	0.09	0	0	0	-0.3	0.1	0	0	5425.1	0
319	24	1981	4.06	0.06	0	0.48	0	0	0	0	3.5	0.1	0	0	5425.6	0
320	24	1981	7.37	0.13	0	0.47	0	0	0	0	6.8	0.1	0	0	5426.1	0
321	24	1981	1.78	0.09	0	0.52	0	0	0	0	1.2	0.1	0	0	5426.6	0
322	24	1981	3.81	0.09	0	0.55	0	0	0	0	3.2	0.1	0	0	5427.1	0
323	24	1981	1.27	0	0	0.9	0.02	0	0	0	0.4	0.1	0	0	5428	-0.01
324	24	1981	17.53	0	0	0.72	0.01	0	0	0	16.8	0.1	0	0	5428.8	0
325	24	1981	5.84	0.02	0	0.93	0	0	0	0	4.9	0.1	0	0	5429.7	-0.01
326	24	1981	5.59	0.02	0.6	0.47	0	0	4.79	0	0.3	0.1	0	0	5430.2	-0.01
327	24	1981	5.84	0.01	1.9	0.2	0	0	3.99	0	1.6	0.1	0	0	5430.4	0
328	24	1981	0.76	0	0.6	0.14	0	0	0.24	0	0.3	0.1	0	0	5430.5	-0.01
329	24	1981	0	0	0	0.12	0	0	0.09	0	-0.3	0.1	0	0	5430.6	0
330	24	1981	0.76	0	0.03	0.17	0	0	0.71	0	-0.2	0.1	0	0	5430.8	0
331	24	1981	3.3	0	12.43	0.12	0.09	0	-9.83	0	12.9	0.1	0	0	5430.9	0.01
332	24	1981	2.79	0	0	1.5	0	0	0	0	1.3	0.1	0	0	5432.4	-0.02
333	24	1981	0	0	0	1.69	0	0	0	0	-1.7	0.1	0	0	5434.1	0
334	24	1981	0	0	0	1.03	0	0	0	0	-1.1	0.1	0	0	5435.1	0
335	24	1981	5.59	0	1.4	0.67	0	0	3.95	0	-0.5	0.1	1.4	0	5435.8	0.01
336	24	1981	0	0	3.11	-0.14	0.14	0	-3.95	0	0.2	0.1	3.81	0	5435.7	0
337	24	1981	1.52	0	0	0.16	0	0	0	0	1.3	0.1	0	0	5435.8	-0.01
338	24	1981	0	0	0	0.23	0	0	0	0	-0.3	0.1	0	0	5436	0
339	24	1981	0.51	0	0	0.49	0	0	0	0	0.0	0.1	0	0	5436.5	-0.01
340	24	1981	1.02	0	0	1.35	0	0	0.97	0	-1.4	0.1	0	0	5437.9	-0.01
341	24	1981	0	0	0.02	0.05	0	0	0.39	0	-0.5	0.1	0.01	0	5437.9	0
342	24	1981	9.91	0.05	0	0.06	0	0	10.09	0	-0.4	0.1	0	0	5438	-0.01
343	24	1981	11.68	0	0	-0.15	0	0	12.04	0	-0.2	0.1	0	0	5437.8	-0.04
344	24	1981	3.3	0	0	0.01	0	0	3.36	0	-0.1	0.1	0	0	5437.9	0.01
345	24	1981	2.79	0	0	-0.1	0	0	2.94	0	-0.1	0.1	0	0	5437.8	0.01
346	24	1981	0	0	0	0.05	0	0	-0.01	0	-0.1	0.1	0	0	5437.8	0.01
347	24	1981	0	0	0	-0.04	0	0	0.12	0	-0.2	0.1	0	0	5437.8	0
348	24	1981	0	0	0	-0.02	0	0	0.1	0	-0.2	0.1	0	0	5437.7	0
349	24	1981	0	0	0	0.02	0	0	0.01	0	-0.1	0.1	0	0	5437.8	0
350	24	1981	0.25	0	0	0.25	0	0	0.04	0	-0.1	0.1	0	0	5438	0
351	24	1981	3.05	0	0	-0.06	0	0	3.22	0	-0.2	0.1	0	0	5438	0
352	24	1981	1.27	0	0	-0.1	0	0	1.51	0	-0.2	0.1	0	0	5437.9	0
353	24	1981	9.14	0	0	-0.01	0	0	9.26	0	-0.2	0.1	0	0	5437.8	0.01
354	24	1981	2.54	0	0	-0.02	0	0	2.61	0	-0.1	0.1	0	0	5437.8	0
355	24	1981	0	0	0	0.08	0	0	-0.04	0	-0.1	0.1	0	0	5437.9	0
356	24	1981	3.3	0	0	0	0	0	3.33	0	-0.1	0.1	0	0	5437.9	0
357	24	1981	13.72	0	21.65	-0.22	0	0	-7.71	0	8.5	0.1	13.03	0	5437.7	0
358	24	1981	0	0	1.74	0.54	0	0	-2.29	0	1.7	0.1	0	0	5438.2	0
359	24	1981	0	0	0.01	0.23	0	0	-0.2	0	-0.1	0.1	0	0	5438.4	0
360	24	1981	0	0	0	0.08	0	0	-0.02	0	-0.2	0.1	0	0	5438.5	0
361	24	1981	2.79	0	0	0.17	0	0	2.67	0	-0.1	0.1	0	0	5438.7	0
362	24	1981	0.76	0	1.05	0.23	0	0	-0.51	0	0.9	0.1	0	0	5438.9	0
363	24	1981	1.52	0	0.18	0.15	0	0	1.21	0	0.1	0.1	0	0	5439.1	0
364	24	1981	0	0	0	0.05	0	0	0.03	0	-0.2	0.1	0	0	5439.1	0
365	24	1981	0.51	0	0	0.17	0	0	0.42	0	-0.2	0.1	0	0	5439.3	0
1	24	1982	3.3	0	4.47	0.06	0	0	-1.21	0	4.3	0.1	0	0	5439.4	0
2	24	1982	0	0	0.21	0.27	0	0	-0.39	0	0.0	0.1	0	0	5439.6	0
3	24	1982	0.25	0	0	0.23	0	0	0.12	0	-0.2	0.1	0	0	5439.9	0
4	24	1982	20.07	0	27.28	-0.27	0.05	0	-6.86	0	15.4	0.1	11.68	0	5439.6	0
5	24	1982	2.29	0	0.15	0.46	0	0	1.73	0	0.0	0.1	0	0	5440	0
6	24	1982	1.02	0	0.21	0.1	0	0	0.75	0	0.1	0.1	0	0	5440.1	0
7	24	1982	4.06	0	0	0.17	0	0	3.96	0	-0.2	0.1	0	0	5440.3	0
8	24	1982	8.13	0	0	0.11	0	0	8.09	0	-0.2	0.1	0	0	5440.4	0
9	24	1982	2.79	0	0	-0.07	0	0	2.91	0	-0.2	0.1	0	0	5440.3	0
10	24	1982	6.1	0	0	0.04	0	0	6.1	0	-0.2	0.1	0	0	5440.4	0
11	24	1982	0.51	0	0	0.02	0	0	0.53	0	-0.2	0.1	0	0	5440.4	0
12	24	1982	0	0	0	0	0	0	0.04	0	-0.2	0.1	0	0	5440.4	0
13	24	1982	1.02	0	0	-0.08	0	0	1.14	0	-0.2	0.1	0	0	5440.3	0
14	24	1982	0	0	0	-0.01	0	0	0.05	0	-0.2	0.1	0	0	5440.3	0
15	24	1982	1.27	0	0	-0.03	0	0	1.35	0	-0.2	0.1	0	0	5440.3	0
16	24	1982	1.27	0	0	0.08	0	0	1.23	0	-0.2	0.2	0	0	5440.4	0
17	24	1982	0	0	0	0.3	0	0	-0.24	0	-0.2	0.2	0	0	5440.7	0
18	24	1982	0	0	0	0.05	0	0	0.02	0	-0.2	0.2	0	0	5440.7	0
19	24	1982	0	0	0	0.03	0	0	0.05	0	-0.2	0.2	0	0	5440.8	0
20	24	1982	0.76	0	0	-0.11	0	0	0.95	0	-0.2	0.2	0	0	5440.6	0
21	24	1982	0	0	0	-0.01	0	0	0.1	0	-0.3	0.2	0	0	5440.6	0
22	24	1982	0	0	0	0.03	0	0	0.07	0	-0.3	0.2	0	0	5440.7	0
23	24	1982	12.7	0	0	0.39	0	0	12.38	0	-0.2	0.2	0	0	5441.1	0
24	24	1982	1.27	0	0	0.45	0	0	0.85	0	-0.2	0.2	0	0	5441.5	0
25	24	1982	2.54	0	0	-0.05	0	0	2.62	0	-0.2	0.2	0	0	5441.5	0
26	24	1982	1.02	0	0	0	0	0	1.05	0	-0.2	0.2	0	0	5441.5	0
27	24	1982	0	0	0	0	0	0	0.03	0	-0.2	0.2	0	0	5441.5	0
28	24	1982	1.02	0	0	0.44	0	0	0.6	0	-0.2	0.2	0	0	5441.9	0
29	24	1982	0	0	0	0.14	0	0	-0.12	0	-0.2	0.2	0	0	5442	0
30	24	1982	2.54	0	0	0.15	0	0	2.42	0	-0.2	0.2	0	0	5442.2	0
31	24	1982	17.27	0	0	0.07	0	0	17.22	0	-0.2	0.2	0	0	5442.3	0
32	24	1982	6.6	0	0	0.18	0	0	6.44	0	-0.2	0.2	0	0	5442.4	0
33	24	1982	0	0	0	0.17	0	0	-0.15	0	-0.2	0.2	0	0	5442.6	0
34	24	1982	10.16	0	7.12	-0.08	0	0	3.12	0	2.9	0.2	4	0	5442.5	0
35	24	1982	0.25	0	0.48	0.25	0	0	-0.49	0	0.3	0.2	0	0	5442.8	0
36	24	1982	0.25	0	0	-0.06	0	0	0.31	0	-0.2	0.2	0	0	5442.7	0
37	24	1982	0.25	0	0	0.42	0	0	-0.14	0	-0.2	0.2	0	0	5443.1	0
38	24	1982	0	0	0	0.5	0	0	-0.47	0	-0.3	0.2	0	0	5443.7	0
39	24	1982	0	0	0	0.26	0	0	-0.23	0	-0.3	0.2	0	0	5443.9	0
40	24	1982	4.06	0	0	-0.14	0	0	4.24	0	-0.3	0.2	0	0	5443.8	0
41	24	1982	0.76	0	0	0.06	0	0	0.73	0	-0.3	0.2	0	0	5443.8	0
42	24	1982	0	0	0	0.05	0	0	-0.01	0	-0.3	0.2	0	0	5443.9	0
43	24	1982	0	0	0	-0.07	0	0	0.11	0	-0.3	0.2	0	0	5443.8	0
44	24	1982	0.51	0	0	-0.11	0	0	0.65	0	-0.3	0.2	0	0	5443.7	0
45	24	1982	0.51	0	0	0	0	0	0.54	0	-0.3	0.2	0	0	5443.7	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
46	24	1982	0	0	1.51	0.11	0	0	-1.62	0	1.3	0.2	0	0	5443.8	0
47	24	1982	0	0	2.33	-0.04	0	0	-2.3	0	2.1	0.2	0	0	5443.8	0
48	24	1982	0	0	0.4	0.59	0	0	-0.99	0	0.2	0.3	0	0	5444.4	0
49	24	1982	0.25	0	0	0.74	0	0	-0.48	0	-0.3	0.3	0	0	5445.1	0
50	24	1982	6.35	0	4.54	-0.13	0	0	1.94	0	4.3	0.3	0	0	5445	0
51	24	1982	0.51	0	3.64	-0.15	0	0	-2.99	0	3.4	0.3	0	0	5444.8	0
52	24	1982	1.27	0	5.05	-0.03	0	0	-3.75	0	4.8	0.3	0	0	5444.8	0
53	24	1982	0	0	2.07	0.38	0	0	-2.46	0	1.8	0.3	0	0	5445.2	0
54	24	1982	0	0	2.33	0.1	0	0	-2.44	0	2.1	0.3	0	0	5445.3	0
55	24	1982	0	0	0.46	0.58	0	0	-1.04	0	0.2	0.3	0	0	5445.9	0
56	24	1982	0	0	0	0.67	0	0	-0.62	0	-0.3	0.3	0	0	5446.5	0
57	24	1982	0.25	0	0	0.42	0	0	-0.12	0	-0.3	0.3	0	0	5447	0
58	24	1982	0	0	0	0.41	0	0	-0.38	0	-0.3	0.3	0	0	5447.4	0
59	24	1982	0	0	0	0.33	0	0	-0.3	0	-0.3	0.3	0	0	5447.7	0
60	24	1982	1.52	0	0	0.51	0	0	1.06	0	-0.3	0.3	0	0	5448.2	0
61	24	1982	1.52	0	0	0.09	0	0	1.46	0	-0.3	0.3	0	0	5448.3	0
62	24	1982	0	0	0	0.18	0	0	-0.14	0	-0.3	0.3	0	0	5448.5	0
63	24	1982	3.3	0	0	0.37	0	0	2.99	0	-0.3	0.3	0	0	5448.9	0
64	24	1982	1.52	0	0.19	0.25	0	0	1.09	0	-0.1	0.3	0	0	5449.1	0
65	24	1982	2.29	0	0.05	0.2	0	0	2.04	0	-0.2	0.3	0	0	5449.3	0
66	24	1982	6.35	0	0	-0.02	0	0	6.37	0	-0.3	0.3	0	0	5449.3	0
67	24	1982	1.02	0	0	0.4	0	0	0.63	0	-0.3	0.3	0	0	5449.7	0
68	24	1982	0.25	0	0	0.31	0	0	-0.03	0	-0.3	0.3	0	0	5450	0
69	24	1982	0.51	0	0	0.47	0	0	0.06	0	-0.3	0.3	0	0	5450.5	0
70	24	1982	2.79	0	12.39	-0.24	0	0	-9.36	0	12.1	0.3	0	0	5450.2	0
71	24	1982	0	0	10.28	-0.07	0	0	-10.22	0	10.0	0.3	0	0	5450.2	0
72	24	1982	3.56	0	32.98	-0.1	0.13	0	-29.2	0	32.6	0.3	0	0	5450.1	0
73	24	1982	0	0	14.79	0.76	0.13	0	-15.42	0	14.4	0.3	0	0	5450.8	0
74	24	1982	0	0	8.29	0.33	0.16	0	-8.44	0	7.8	0.3	0	0	5451.1	0
75	24	1982	6.86	0	21.83	0.79	0.19	0	-15.53	0	21.3	0.3	0	0	5451.9	0
76	24	1982	18.54	0	34.13	0.36	0	0	-15.87	0	23.0	0.3	10.72	0	5452.3	-0.01
77	24	1982	0.51	0	5.03	0.13	0	0	-4.62	0	4.7	0.3	0	0	5452.4	0
78	24	1982	0.51	0	5.51	0.34	0	0	-5	0	4.9	0.3	0	0	5452.7	-0.02
79	24	1982	0	0	0	0.77	0.27	0	0	0	-1.1	0.3	0	0	5453.5	0
80	24	1982	0.51	0	0	1.18	0.27	0	0	0	-1.0	0.3	0	0	5454.7	-0.01
81	24	1982	0.25	0	0	1.95	0.18	0	0	0	-2.0	0.3	0	0	5456.7	-0.04
82	24	1982	0	0	0	1.5	0.32	0	0	0	-1.8	0.3	0	0	5458.2	-0.02
83	24	1982	0	0	0	2.19	0.58	0	0	0	-2.5	0.3	0	0	5460.3	-0.02
84	24	1982	0	0	0	2.34	0.62	0	0	0	-2.7	0.4	0	0	5462.7	0
85	24	1982	5.59	0	0	3.36	0.36	0	0	0	1.9	0.4	0	0	5466	-0.05
86	24	1982	1.02	0	0	1.77	0	0	0.88	0	-2.0	0.4	0	0	5467.8	-0.01
87	24	1982	0	0	0	0.76	0	0	-0.06	0	-1.1	0.4	0	0	5468.6	0
88	24	1982	0	0	0.61	0.71	0.51	0	-0.82	0	-1.2	0.5	0.87	0	5469.3	0
89	24	1982	0	0	0	2.31	0.91	0	0	0	-2.8	0.5	0	0	5471.6	-0.02
90	24	1982	8.38	0	0	3.6	0.86	0	0	0	4.3	0.5	0	0	5475.2	-0.02
91	24	1982	0.25	0	0	3.84	0.47	0	0	0	-4.2	0.6	0	0	5479	-0.02
92	24	1982	0	0	0	2.7	0.44	0	0	0	-3.3	0.6	0	0	5481.7	-0.01
93	24	1982	4.06	0	0	2.28	0.3	0	0	0	1.1	0.7	0	0	5484	-0.01
94	24	1982	3.3	0	1.06	1.84	0	0	1.36	0	-0.6	0.8	0	0	5485.8	-0.01
95	24	1982	1.52	0	0	0.99	0	0	1.08	0	-1.3	0.8	0	0	5486.8	-0.01
96	24	1982	4.32	0	0.08	0.81	0	0	3.75	0	-1.1	0.9	0	0	5487.6	0
97	24	1982	0	0	0	0.7	0	0	-0.43	0	-1.2	0.9	0	0	5488.3	0
98	24	1982	0	0	0.34	0.88	0	0	-1.02	0	-0.8	1.0	0	0	5489.2	0
99	24	1982	0	0	4.35	0.74	0.41	0	-4.73	0	0.1	1.0	2.9	0	5490	0
100	24	1982	0	0	0	1.17	0.45	0	0	0	-2.2	1.0	0	0	5491.1	0.01
101	24	1982	4.32	0	0	1.31	0.04	0	0	0	1.9	1.1	0	0	5492.4	0
102	24	1982	0.76	0	0	1.69	0.35	0	0	0	-2.0	1.1	0	0	5494.1	-0.01
103	24	1982	3.56	0	0	3.89	0.66	0	0	0	-1.5	1.1	0	0	5498	-0.02
104	24	1982	0	0	0	2.53	0.6	0	0	0	-3.7	1.2	0	0	5500.5	-0.03
105	24	1982	0	0	0	1.3	0.79	0	0	0	-2.5	1.2	0	0	5501.8	-0.01
106	24	1982	0	0	0	3.71	1.45	0	0	0	-4.9	1.2	0	0	5505.6	-0.02
107	24	1982	11.94	0	0	4.45	1	0	0	0	6.3	1.2	0	0	5510	-0.02
108	24	1982	0.51	0	0	3.69	0.49	0	0	0	-4.4	1.2	0	0	5513.7	-0.04
109	24	1982	0	0	0	2.1	1.05	0	0	0	-3.3	1.2	0	0	5515.8	0
110	24	1982	3.3	0	0	4.39	1.2	0	0	0	-2.3	1.2	0	0	5520.2	-0.02
111	24	1982	1.27	0	0	3.27	0.5	0	0	0	-3.2	1.2	0	0	5523.4	-0.03
112	24	1982	0	0	0	4.07	0.54	0	0	0	-5.3	1.3	0	0	5527.5	-0.01
113	24	1982	0	0	0	5.15	1.35	0	0	0	-6.4	1.3	0	0	5532.7	-0.01
114	24	1982	0	0	0	2.88	1.32	0	0	0	-4.1	1.3	0	0	5535.5	-0.01
115	24	1982	0	0	0	2.6	1.29	0	0	0	-3.8	1.3	0	0	5538.1	-0.01
116	24	1982	4.06	0	0	4.76	1.03	0	0	0	-1.9	1.3	0	0	5542.9	-0.01
117	24	1982	0.25	0	0	2.1	0.54	0	0	0	-3.1	1.2	0	0	5545	-0.02
118	24	1982	0	0	0	3.89	0.99	0	0	0	-5.1	1.2	0	0	5548.9	-0.03
119	24	1982	0	0	0	3.43	1.14	0	0	0	-4.7	1.2	0	0	5552.3	-0.01
120	24	1982	0	0	0	3.28	1.33	0	0	0	-4.5	1.2	0	0	5555.6	-0.02
121	24	1982	0	0	0	4.25	1.4	0	0	0	-5.4	1.2	0	0	5559.9	-0.04
122	24	1982	0	0	0	3.95	1.33	0	0	0	-5.2	1.2	0	0	5563.8	-0.01
123	24	1982	0	0	0	3.05	1.18	0	0	0	-4.2	1.2	0	0	5566.9	-0.02
124	24	1982	0	0	0	3.1	1.17	0	0	0	-4.3	1.2	0	0	5570	-0.03
125	24	1982	0	0	0	2.38	1.1	0	0	0	-3.6	1.2	0	0	5572.3	0
126	24	1982	0	0	0	4.5	1.42	0	0	0	-5.7	1.2	0	0	5576.8	-0.02
127	24	1982	0	0	0	3.17	1.52	0	0	0	-4.3	1.2	0	0	5580	-0.02
128	24	1982	11.18	0	0	1.72	0.15	0	0	0	8.3	1.2	0	0	5581.7	-0.03
129	24	1982	3.3	0	0	3.87	0.61	0	0	0	-1.7	1.1	0	0	5585.6	-0.04
130	24	1982	0	0	0	2.99	0.98	0	0	0	-4.1	1.1	0	0	5588.6	-0.04
131	24	1982	0	0	0	3.29	1.25	0	0	0	-4.4	1.1	0	0	5591.9	0
132	24	1982	2.03	0	0	3.73	0.82	0	0	0	-2.8	1.1	0	0	5595.6	-0.02
133	24	1982	0	0	0	4.63	1.41	0	0	0	-5.7	1.1	0	0	5600.2	-0.03
134	24	1982	0	0	0	4.19	1.27	0	0	0	-5.2	1.1	0	0	5604.4	-0.03
135	24	1982	0	0	0	2.31	1.05	0	0	0	-3.4	1.1	0	0	5606.7	-0.01
136	24	1982	0	0	0	2.05	1	0	0	0	-3.1	1.0	0	0	5608.8	0
137	24	1982	1.27	0	0	5.07	1.44	0	0	0	-4.8	1.0	0	0	5613.9	-0.03
138	24	1982	0	0	0	4.85	1.71	0	0	0	-5.8	1.0	0	0	5618.7	-0.02
139	24	1982	12.7	0	0	2.49	0.63	0	0	0	9.3	1.0	0	0	5621.2	-0.04
140	24	1982	4.83	0	0	3.47	0.8	0	0	0	0.4	1.0	0	0	5624.7	-0.05
141	24	1982	0	0	0	3.71	1.21	0	0	0	-4.6	1.0	0	0	5628.4	-0.04
142	24	1982	7.11	0	0	2.43	0.29	0	0	0	3.8	1.0	0	0	5630.8	-0.02
143	24	1982	11.18	0	0	2.81	0.26	0	0	0	7.5	0.9	0	0	5633.6	-0.01
144	24	1982	5.33	0	0	2.79	0.49	0	0	0	1.7	0.9	0	0	5636.4	-0.02
145	24	1982	0	0	0	3.02	1.01	0	0	0	-3.9	0.9	0	0	5639.4	-0.02
146	24	1982	0	0	0	2.8	1.2	0	0	0	-3.7	0.9	0	0	5642.2	0
147	24	1982	0	0	0	2.84	1.15	0	0	0	-3.7	0.9	0	0	5645.1	-0.01
148	24	1982	3.81	0	0	4.62	0.97	0	0	0	-1.7	0.9	0	0	5649.7	-0.02
149	24	1982	0.76	0	0	2.5	1.01	0	0	0	-2.6	0.9	0	0	5652.2	-0.01
150	24	1982	0	0	0	4.06	1.62	0	0	0	-4.9	0.8	0	0	5656.3	-0.01
151	24	1982	9.4	0	0	2.82	0.45	0	0	0	5.8	0.8	0	0	5659.1	-0.01
152	24	1982	16.76	0	0	3.88	1.04	0	0	0	12.1	0.8	0	0	5662.9	-0.02
153	24	1982	0.51	0	0	5.52	1.49	0	0	0	-5.8	0.8	0	0	5668.5	-0.02
154	24	1982	0	0	0	4.12	1.19	0	0	0	-4.9	0.8	0	0	5672.6	-0.01
155	24	1982	1.78	0	0	2.57	0.61	0	0	0	-1.6	0.8	0	0	5675.2	-0.01
156	24	1982	12.95	0	0	3.96	0.59	0	0	0	8.3	0.8	0	0	5679.1	-0.01
157	24	1982	11.43	0	0	2.15	0.23	0	0	0	8.5	0.8	0	0	5681.3	-0.01
158	24	1982	0	0	0	4.2	1.67	0	0	0	-4.9	0.7	0	0	5685.5	-0.01
159	24	1982	0	0	0	4.95	1.66	0	0	0	-5.7	0.7	0	0	5690.4	-0.01
160	24	1982	0	0	0	5.36	1.95	0	0	0	-6.1	0.7	0	0	5695.8	-0.01
161	24	1982	0	0	0	6.34	2.31	0	0	0	-7.0	0.7	0	0	5702.1	-0.02
162	24	1982	0	0	0	5.42	1.78	0	0	0	-6.1	0.7	0	0	5707.5	-0.01
163	24	1982	0.51	0	0	5.13	1.57	0	0	0	-5.3	0.7	0	0	5712.7	-0.01
164	24	1982	0	0	0	4.9	1.28	0	0	0	-5.6	0.7	0	0	5717.6	-0.02
165	24	1982	0	0	0	4.89	1.8	0	0	0	-5.6	0.7	0	0	5722.5	-0.01
166	24	1982	0.25	0	0	5.06	1.8	0	0	0	-5.4	0.7	0	0	5727.5	-0.02
167	24	1982	7.11	0	0	5.2	1.25	0	0	0	1.3	0.7	0	0	5732.7	-0.01
168	24	1982	14.48	0	0	4.18	0.95	0	0	0	9.7	0.6	0	0	5736.9	-0.02
169	24	1982	0	0	0	3.99	1.53	0	0	0	-4.6	0.6	0	0	5740.9	0
170	24	1982	3.3	0	0	5.82	1.58	0	0	0	-3.1	0.6	0	0	5746.7	-0.03
171	24	1982	0	0	0	3.73	1.44	0	0	0	-4.3	0.6	0	0	5750.4	-0.01
172	24	1982	3.3	0	0	5.28	1.17	0	0	0	-2.6	0.6	0	0	5755.7	-0.01
173	24	1982	11.94	0	0	5.04	1.09	0	0	0	6.3	0.6	0	0	5760.7	-0.01
174	24	1982	0	0	0	5.26	1.57	0	0	0	-5.8	0.6	0	0	5766	-0.02
175	24	1982	0	0	0	5.56	1.9	0	0	0	-6.1	0.6	0	0	5771.6	-0.01
176	24	1982	0	0	0	4.89	1.78	0	0	0	-5.5	0.6	0	0	5776.5	0
177	24	1982	5.08	0	0	3.75	0.71	0	0	0	0.8	0.6	0	0	5780.2	-0.01
178	24	1982	0	0	0	2.78	1.26	0	0	0	-3.3	0.6	0	0	5783	-0.01
179	24	1982	0	0	0	2.21	1.23	0	0	0	-2.8	0.6	0	0	5785.2	0
180	24	1982	28.45	0	0	4.41	0.83	0	0	0	23.5	0.6	0	0	5789.6	-0.01
181	24	1982	0	0	0	5.96	1.96	0	0	0	-6.5	0.6	0	0	5795.6	-0.03
182	24	1982	0	0	0	4.86	1.69	0	0	0	-5.4	0.5	0	0	5800.4	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
183	24	1982	0	0	0	5.61	2.05	0	0	0	-6.1	0.5	0	0	5806	-0.01
184	24	1982	0	0	0	4.46	1.61	0	0	0	-5.0	0.5	0	0	5810.5	0
185	24	1982	0	0	0	4.7	1.81	0	0	0	-5.2	0.5	0	0	5815.2	-0.01
186	24	1982	0	0	0	3.1	1.56	0	0	0	-3.6	0.5	0	0	5818.3	-0.02
187	24	1982	0	0	0	4.51	2.1	0	0	0	-5.0	0.5	0	0	5822.8	-0.02
188	24	1982	31.5	0	0	6.43	2.27	0	0	0	24.6	0.5	0	0	5829.2	-0.02
189	24	1982	0	0	0	5.3	2.13	0	0	0	-5.8	0.5	0	0	5834.5	-0.03
190	24	1982	0	0	0	5.86	2.23	0	0	0	-6.3	0.5	0	0	5840.4	-0.02
191	24	1982	0	0	0	5.18	2.19	0	0	0	-5.7	0.5	0	0	5845.6	-0.01
192	24	1982	0	0	0	4.95	1.95	0	0	0	-5.4	0.5	0	0	5850.5	-0.01
193	24	1982	0	0	0	6.06	2.43	0	0	0	-6.5	0.5	0	0	5856.6	-0.03
194	24	1982	0	0	0	5.35	2.12	0	0	0	-5.8	0.5	0	0	5861.9	-0.01
195	24	1982	0	0	0	4.68	2.41	0	0	0	-5.1	0.5	0	0	5866.6	-0.01
196	24	1982	0	0	0	2.69	2.66	0	0	0	-3.2	0.5	0	0	5869.3	0
197	24	1982	0	0	0	3.35	3.27	0	0	0	-3.8	0.5	0	0	5872.6	-0.01
198	24	1982	1.52	0	0	4.1	2.67	0	0	0	-3.0	0.5	0	0	5876.7	0
199	24	1982	28.96	0	0	5.72	2.12	0	0	0	22.8	0.5	0	0	5882.5	-0.02
200	24	1982	0	0	0	5.13	1.91	0	0	0	-5.5	0.5	0	0	5887.6	-0.03
201	24	1982	4.57	0	0	5.19	1.25	0	0	0	-1.0	0.4	0	0	5892.8	-0.02
202	24	1982	0	0	0	3.85	1.68	0	0	0	-4.3	0.4	0	0	5896.6	-0.01
203	24	1982	0	0	0	5.43	2.14	0	0	0	-5.9	0.4	0	0	5902.1	-0.01
204	24	1982	0	0	0	4.54	1.97	0	0	0	-4.9	0.4	0	0	5906.6	-0.02
205	24	1982	0	0	0	3.88	1.79	0	0	0	-4.3	0.4	0	0	5910.5	-0.01
206	24	1982	0	0	0	4.65	2.5	0	0	0	-5.1	0.4	0	0	5915.1	-0.01
207	24	1982	0	0	0	2.84	2.75	0	0	0	-3.3	0.4	0	0	5918	0
208	24	1982	0.76	0	0	3.08	2.15	0	0	0	-2.7	0.4	0	0	5921.1	-0.01
209	24	1982	27.69	0	0	4.42	1.25	0	0	0	22.9	0.4	0	0	5925.5	-0.01
210	24	1982	1.02	0	0	3.41	1.2	0	0	0	-2.8	0.4	0	0	5928.9	-0.03
211	24	1982	0	0	0	3.65	1.67	0	0	0	-4.0	0.4	0	0	5932.5	-0.02
212	24	1982	1.27	0	0	2.6	1.02	0	0	0	-1.7	0.4	0	0	5935.1	-0.02
213	24	1982	0	0	0	3.16	1.44	0	0	0	-3.5	0.4	0	0	5938.3	-0.05
214	24	1982	7.62	0	0	4.1	0.95	0	0	0	3.2	0.4	0	0	5942.4	-0.02
215	24	1982	0	0	0	4.69	1.72	0	0	0	-5.1	0.4	0	0	5947.1	-0.02
216	24	1982	0	0	0	2.28	1.29	0	0	0	-2.7	0.4	0	0	5949.4	0
217	24	1982	0	0	0	2.85	1.13	0	0	0	-3.2	0.4	0	0	5952.2	-0.03
218	24	1982	0	0	0	3.05	1.45	0	0	0	-3.4	0.4	0	0	5955.3	-0.01
219	24	1982	0	0	0	4.27	1.93	0	0	0	-4.6	0.4	0	0	5959.5	-0.03
220	24	1982	7.11	0	0	4.83	1.27	0	0	0	1.9	0.4	0	0	5964.4	-0.01
221	24	1982	22.1	0	0	5.04	1.53	0	0	0	16.7	0.4	0	0	5969.4	-0.02
222	24	1982	0	0	0	4.36	1.52	0	0	0	-4.7	0.4	0	0	5973.8	-0.04
223	24	1982	0	0	0	2.69	1.25	0	0	0	-3.0	0.4	0	0	5976.5	-0.02
224	24	1982	0	0	0	2.07	0.94	0	0	0	-2.4	0.4	0	0	5978.5	-0.02
225	24	1982	13.97	0	0	4.11	0.97	0	0	0	9.5	0.4	0	0	5982.6	-0.01
226	24	1982	0	0	0	4.1	1.76	0	0	0	-4.4	0.4	0	0	5986.7	-0.02
227	24	1982	0	0	0	4.31	1.9	0	0	0	-4.6	0.3	0	0	5991.1	-0.02
228	24	1982	0	0	0	4.46	1.98	0	0	0	-4.8	0.3	0	0	5995.5	-0.02
229	24	1982	0.25	0	0	3.39	1.42	0	0	0	-3.4	0.3	0	0	5998.9	-0.03
230	24	1982	0	0	0	2.55	1.27	0	0	0	-2.9	0.3	0	0	6001.5	-0.01
231	24	1982	0	0	0	4.07	1.88	0	0	0	-4.4	0.3	0	0	6005.5	-0.03
232	24	1982	2.03	0	0	5.06	1.57	0	0	0	-3.3	0.3	0	0	6010.6	-0.02
233	24	1982	0	0	0	3.68	1.42	0	0	0	-4.0	0.3	0	0	6014.3	-0.02
234	24	1982	0	0	0	1.99	1.49	0	0	0	-2.3	0.3	0	0	6016.3	0
235	24	1982	0	0	0	2.53	2.3	0	0	0	-2.9	0.3	0	0	6018.8	0
236	24	1982	0	0	0	2.35	2.33	0	0	0	-2.7	0.3	0	0	6021.1	-0.01
237	24	1982	12.19	0	0	4.52	1.26	0	0	0	7.4	0.3	0	0	6025.7	-0.02
238	24	1982	0	0	0	3.74	1.6	0	0	0	-4.0	0.3	0	0	6029.4	-0.02
239	24	1982	0	0	0	3.38	1.46	0	0	0	-3.7	0.3	0	0	6032.8	-0.02
240	24	1982	0.51	0	0	4.06	1.12	0	0	0	-3.8	0.3	0	0	6036.8	-0.02
241	24	1982	0	0	0	2.87	1.32	0	0	0	-3.2	0.3	0	0	6039.7	-0.01
242	24	1982	0.25	0	0	1.65	1.29	0	0	0	-1.7	0.3	0	0	6041.4	-0.01
243	24	1982	0	0	0	1.19	1.25	0	0	0	-1.5	0.3	0	0	6042.5	0
244	24	1982	0	0	0	1.22	1.26	0	0	0	-1.5	0.3	0	0	6043.8	-0.02
245	24	1982	11.18	0	0	3.54	0.88	0	0	0	7.4	0.3	0	0	6047.3	-0.02
246	24	1982	0.76	0	0	4.02	1.09	0	0	0	-3.5	0.3	0	0	6051.3	-0.05
247	24	1982	0	0	0	2.48	0.83	0	0	0	-2.7	0.3	0	0	6053.8	-0.04
248	24	1982	0	0	0	2.42	1.02	0	0	0	-2.7	0.3	0	0	6056.2	-0.02
249	24	1982	0.25	0	0	2.49	1.03	0	0	0	-2.5	0.3	0	0	6058.7	-0.02
250	24	1982	0	0	0	1.76	0.78	0	0	0	-2.0	0.3	0	0	6060.5	-0.02
251	24	1982	0	0	0	1.26	0.92	0	0	0	-1.5	0.3	0	0	6061.7	-0.01
252	24	1982	0	0	0	1.15	1.04	0	0	0	-1.4	0.3	0	0	6062.9	-0.02
253	24	1982	0	0	0	0.82	0.84	0	0	0	-1.1	0.3	0	0	6063.7	-0.01
254	24	1982	0	0	0	0.76	0.77	0	0	0	-1.0	0.3	0	0	6064.5	-0.02
255	24	1982	0	0	0	0.73	0.75	0	0	0	-1.0	0.3	0	0	6065.2	-0.02
256	24	1982	0	0	0	0.84	0.76	0	0	0	-1.1	0.3	0	0	6066	-0.02
257	24	1982	11.68	0	0	3.2	1.02	0	0	0	8.3	0.3	0	0	6069.2	-0.03
258	24	1982	7.37	0	0	3.39	0.61	0	0	0	3.8	0.3	0	0	6072.6	-0.04
259	24	1982	0	0	0	1.83	1.03	0	0	0	-2.1	0.3	0	0	6074.5	-0.02
260	24	1982	0	0	0	1.98	1	0	0	0	-2.2	0.3	0	0	6076.4	-0.02
261	24	1982	0.76	0	0	2.38	0.9	0	0	0	-1.9	0.3	0	0	6078.8	-0.01
262	24	1982	0	0	0	1.9	0.93	0	0	0	-2.1	0.3	0	0	6080.7	-0.03
263	24	1982	0	0	0	2.23	1.04	0	0	0	-2.5	0.3	0	0	6083	-0.02
264	24	1982	0	0	0	0.93	0.61	0	0	0	-1.2	0.3	0	0	6083.9	-0.01
265	24	1982	1.27	0	0	1.97	0.44	0	0	0	-0.9	0.3	0	0	6085.9	-0.03
266	24	1982	49.78	0.43	0	2.15	0.1	0	0	0	47.0	0.2	0	0	6088	-0.03
267	24	1982	0	0	0	2.59	1.5	0	0	0	-2.4	0.2	0	0	6090.6	-0.03
268	24	1982	0	0	0	2.96	2.23	0	0	0	-3.2	0.2	0	0	6093.6	-0.03
269	24	1982	0.51	0	0	2.18	1.3	0	0	0	-1.9	0.2	0	0	6095.7	-0.05
270	24	1982	23.62	0.34	0	2.17	0.15	0	0	0	20.9	0.2	0	0	6097.9	-0.02
271	24	1982	0	0	0	2.28	1.24	0	0	0	-2.2	0.2	0	0	6100.2	-0.01
272	24	1982	0	0	0	2.59	2.07	0	0	0	-2.8	0.2	0	0	6102.8	-0.03
273	24	1982	0	0	0	2.16	1.75	0	0	0	-2.4	0.2	0	0	6104.9	-0.04
274	24	1982	0	0	0	2.26	1.76	0	0	0	-2.4	0.2	0	0	6107.2	-0.06
275	24	1982	0	0	0	2.47	1.64	0	0	0	-2.7	0.2	0	0	6109.7	-0.04
276	24	1982	0	0	0	2.69	2.3	0	0	0	-2.9	0.2	0	0	6112.4	-0.03
277	24	1982	0	0	0	1.8	1.32	0	0	0	-2.0	0.2	0	0	6114.2	-0.06
278	24	1982	0	0	0	1.1	0.91	0	0	0	-1.3	0.2	0	0	6115.3	-0.04
279	24	1982	0	0	0	1.36	1.26	0	0	0	-1.6	0.2	0	0	6116.6	0
280	24	1982	3.81	0.15	0	2.7	0.2	0	0	0	0.8	0.2	0	0	6119.3	-0.03
281	24	1982	0	0	0	2.27	1.79	0	0	0	-2.3	0.2	0	0	6121.6	-0.03
282	24	1982	0	0	0	1.76	1.29	0	0	0	-1.9	0.2	0	0	6123.4	-0.06
283	24	1982	0	0	0	2.6	1.95	0	0	0	-2.8	0.2	0	0	6126	-0.05
284	24	1982	2.54	0	0	2.69	0.31	0	0	0	-0.3	0.2	0	0	6128.7	-0.04
285	24	1982	0	0	0	0.86	0.74	0	0	0	-1.1	0.2	0	0	6129.5	0.01
286	24	1982	0.25	0	0	1.29	0.99	0	0	0	-1.2	0.2	0	0	6130.8	-0.01
287	24	1982	1.78	0	0	2.85	1.06	0	0	0	-1.3	0.2	0	0	6133.7	-0.03
288	24	1982	1.52	0	0	2.5	0.87	0	0	0	-1.2	0.2	0	0	6136.1	-0.03
289	24	1982	5.59	1.03	0	2.14	0	0	0	0	2.2	0.2	0	0	6138.3	-0.02
290	24	1982	0	0	0	2.36	0.73	0	0	0	-1.5	0.2	0	0	6140.6	-0.02
291	24	1982	0	0	0	1.34	1.06	0	0	0	-1.5	0.2	0	0	6142	0
292	24	1982	0	0	0	2.5	2.3	0	0	0	-2.7	0.2	0	0	6144.5	-0.02
293	24	1982	0.51	0	0	3.2	2.65	0	0	0	-2.9	0.2	0	0	6147.7	-0.01
294	24	1982	0	0	0	2.75	1.87	0	0	0	-2.9	0.2	0	0	6150.4	-0.04
295	24	1982	0	0	0	0.99	0.55	0	0	0	-1.2	0.2	0	0	6151.4	-0.02
296	24	1982	0	0	0	0.93	0.6	0	0	0	-1.1	0.2	0	0	6152.4	-0.02
297	24	1982	0	0	0	0.85	0.74	0	0	0	-1.0	0.2	0	0	6153.2	-0.02
298	24	1982	0	0	0	1.23	1.04	0	0	0	-1.4	0.2	0	0	6154.4	-0.02
299	24	1982	0	0	0	1.26	1.12	0	0	0	-1.4	0.2	0	0	6155.7	-0.02
300	24	1982	0	0	0	0.83	0.78	0	0	0	-1.0	0.2	0	0	6156.5	-0.01
301	24	1982	0	0	0	1.73	1.61	0	0	0	-1.9	0.2	0	0	6158.3	-0.04
302	24	1982	0	0	0	1.64	1.51	0	0	0	-1.8	0.2	0	0	6159.9	0
303	24	1982	0	0	0	1.82	1.74	0	0	0	-2.0	0.2	0	0	6161.7	-0.01
304	24	1982	2.29	0	0	2.02	0.24	0	0	0	0.1	0.2	0	0	6163.7	-0.02
305	24	1982	9.14	1.09	0	2.03	0.17	0	0	0	5.8	0.2	0	0	6165.8	0
306	24	1982	2.29	1.21	0	1.64	0	0	0	0	0.4	0.2	0	0	6167.4	-0.01
307	24	1982	0	0	0	1.62	0.36	0	0	0	-0.6	0.2	0	0	6169	-0.03
308	24	1982	29.72	2.14	0	1.3	0.06	0	0	0	26.2	0.2	0	0	6170.3	-0.06
309	24	1982	2.54	0.64	0	3.74	0	0	0	0	0.1	0.2	0	0	6174.1	-0.01
310	24	1982	0	0	0	2.09	0.75	0	0	0	-1.6	0.2	0	0	6176.1	-0.03
311	24	1982	0	0	0	1.92	1.52	0	0	0	-2.1	0.2	0	0	6178.1	-0.01
312	24	1982	0	0	0	2.08	1.78	0	0	0	-2.3	0.2	0	0	6180.2	-0.01
313	24	1982	0	0	0	1.18	0.82	0	0	0	-1.3	0.2	0	0	6181.3	-0.04
314	24	1982	0	0	0	0.71	0.44	0	0	0	-0.9	0.2	0	0	6182	-0.03
315	24	1982	3.3	0.24	0	2.42	0.07	0	0	0	0.5	0.2	0	0	6184.5	0.03
316	24	1982	5.33	0	0	3.06	0	0	0	0	2.4	0.2	0	0	6187.5	-0.01
317	24	1982	0.25	0	0	2.14	1.24	0	0	0	-2.0	0.2	0	0	6189.7	-0.04
318	24	1982	0	0	0	0.6	0	0	0	0	-0.7	0.2	0	0	6190.3	-0.03
319	24	1982	1.02	0	0.24	1.27	0	0	0	0	-0.4	0.2	0	0	6191.5	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
320	24	1982	0	0	0	0.98	0.56	0	0	0	-1.1	0.2	0	0	6192.5	-0.01
321	24	1982	0	0	0	1.09	0.88	0	0	0	-1.3	0.2	0	0	6193.6	0
322	24	1982	0	0	0	1.3	1.07	0	0	0	-1.4	0.2	0	0	6194.9	-0.02
323	24	1982	0	0	0	1.47	1.39	0	0	0	-1.6	0.2	0	0	6196.4	-0.01
324	24	1982	5.08	0.73	0	2.3	0.08	0	0	0	1.9	0.2	0	0	6198.7	0
325	24	1982	25.4	2.01	0	0.69	0	0	0	0	23.3	0.2	0	0	6199.3	0
326	24	1982	6.86	2.08	0	0.73	0	0	0	0	5.9	0.2	0	0	6200.1	-0.01
327	24	1982	4.57	1.92	0	0.87	0	0	0	0	3.7	0.2	0	0	6201	-0.01
328	24	1982	4.57	0	0	4.08	0.31	0	0	0	2.3	0.2	0	0	6205	-0.01
329	24	1982	0	0	0	0.57	0	0	0	0	-0.7	0.2	0	0	6205.6	-0.03
330	24	1982	2.29	0.46	0	1.51	0	0	0	0	0.2	0.2	0	0	6207.1	0.01
331	24	1982	0	0	0	1.15	0	0	0	0	-0.8	0.2	0	0	6208.3	0
332	24	1982	6.86	1.63	0.44	1.25	0	0	3.76	0	0.1	0.2	0	0	6209.5	0
333	24	1982	5.33	1.88	7.68	0.74	0	0	-3.76	0	8.0	0.2	0	0	6210.3	0
334	24	1982	0.25	1.21	0	0.84	0	0	0	0	-0.1	0.2	0	0	6211.1	-0.01
335	24	1982	0	0.29	0	0.93	0	0	0	0	-0.2	0.2	0	0	6212	-0.01
336	24	1982	0.25	0	0	0.78	0.27	0	0	0	-0.4	0.2	0	0	6212.8	-0.02
337	24	1982	0	0	0	1.07	1.11	0	0	0	-1.2	0.2	0	0	6213.9	0
338	24	1982	2.03	0.17	0	1.49	0.02	0	0	0	0.3	0.2	0	0	6215.4	-0.07
339	24	1982	0	0	0	1.31	1.01	0	0	0	-1.3	0.2	0	0	6216.7	-0.03
340	24	1982	2.79	0	0	2.43	0.14	0	0	0	0.3	0.2	0	0	6219.1	-0.06
341	24	1982	0	0	0	1.54	0.93	0	0	0	-1.6	0.2	0	0	6220.6	-0.04
342	24	1982	0	0	0	0.78	0.42	0	0	0	-0.9	0.2	0	0	6221.4	-0.04
343	24	1982	3.05	0.99	0	1.83	0	0	1.03	0	-0.9	0.1	0	0	6223.3	-0.02
344	24	1982	0	0	0	1.15	0	0	0.44	0	-0.7	0.1	0	0	6224.4	0
345	24	1982	0.25	0	0.13	0.28	0	0	0.2	0	-0.4	0.1	0	0	6224.7	0
346	24	1982	1.78	0.71	0	0.72	0	0	0.84	0	-0.6	0.1	0	0	6225.4	-0.01
347	24	1982	0	0.01	0	0.79	0	0	0.28	0	-0.5	0.1	0	0	6226.2	0
348	24	1982	0	0	0.37	0.08	0	0	-0.39	0	0.2	0.1	0	0	6226.3	0
349	24	1982	7.62	1.96	6.44	0.6	0	0	-1.39	0	0.7	0.1	5.59	0	6226.9	0
350	24	1982	8.13	1.77	8.32	0.87	0	0	-1.02	0	0.7	0.1	7.6	0	6227.7	-0.01
351	24	1982	0	0.76	0	1.65	0	0	0	0	-0.8	0.1	0	0	6229.4	0
352	24	1982	0	0	0	1.06	0	0	0	0	-0.4	0.1	0	0	6230.5	-0.01
353	24	1982	3.05	1.33	0	0.93	0	0	0.92	0	-0.3	0.1	0	0	6231.4	0.01
354	24	1982	0.76	1.45	0	0.45	0	0	0.37	0	-0.3	0.1	0	0	6231.8	0
355	24	1982	2.54	1.99	0	0.54	0	0	1.62	0	-0.3	0.1	0	0	6232.4	0
356	24	1982	0	1.52	0	0.5	0	0	0.11	0	-0.3	0.1	0	0	6232.9	0
357	24	1982	2.03	1.86	0.2	0.57	0	0	1.04	0	-0.3	0.1	0.2	0	6233.4	0
358	24	1982	8.13	2.01	9.8	0.4	0	0	-2.27	0	-0.1	0.1	9.77	0	6233.8	0
359	24	1982	6.1	1.9	7.12	0.44	0	0	-1.8	0	0.3	0.1	7.14	0	6234.3	-0.01
360	24	1982	2.54	0	0	2.46	0	0	0	0	0.5	0.1	1.38	0	6236.7	-0.03
361	24	1982	8.64	1.47	1.06	1.03	0	0	5.23	0	0.8	0.1	0	0	6237.8	-0.02
362	24	1982	5.08	1.24	8.91	1.03	0	0	-5.23	0	5.5	0.1	3.83	0	6238.8	0
363	24	1982	0	0	0	1.64	0.28	0	0	0	-0.5	0.1	0	0	6240.4	0
364	24	1982	0	0	0	0.73	0	0	0	0	-0.9	0.1	0	0	6241.2	-0.01
365	24	1982	0	0	0	0.15	0	0	0	0	-0.3	0.1	0	0	6241.3	0
1	24	1983	0	0	0	0.11	0	0	0	0	-0.3	0.1	0	0	6241.4	0.01
2	24	1983	1.02	0	0	0.86	0	0	0	0	-0.3	0.1	0.3	0	6242.3	0
3	24	1983	1.27	0.36	0.38	1.05	0	0	0	0	-0.6	0.1	0	0.38	6243.3	-0.03
4	24	1983	0	0	0	0.78	0	0	0	0	-0.6	0.1	0	0.38	6244.1	0
5	24	1983	0	0	0	0.07	0	0	0	0	-0.2	0.1	0	0.38	6244.2	0.02
6	24	1983	0	0	0	0	0	0	0	0	-0.1	0.1	0	0.35	6244.2	0
7	24	1983	0.51	0	0	0.38	0	0	0	0	-0.1	0.1	0.49	0	6244.6	-0.01
8	24	1983	0	0	0	0.39	0	0	0	0	-0.5	0.1	0	0	6245	-0.03
9	24	1983	0	0	0	0.31	0	0	0	0	-0.4	0.1	0	0	6245.3	-0.01
10	24	1983	5.33	1.4	0	0.89	0	0	3.03	0	-0.1	0.1	0	0	6246.2	0.03
11	24	1983	5.84	1.77	6.13	0.47	0	0	-1.12	0	-0.1	0.1	6.1	0	6246.6	0
12	24	1983	1.52	1.1	0	1.25	0	0	1.23	0	-0.4	0.1	0	0	6247.9	0
13	24	1983	0	0.5	0	0.64	0	0	0.2	0	-0.4	0.1	0	0	6248.5	0
14	24	1983	0	0	0	0.55	0	0	0.09	0	-0.3	0.1	0	0	6249.1	0
15	24	1983	4.57	1.7	0	0.49	0	0	2.49	0	-0.2	0.1	0	0	6249.6	0
16	24	1983	3.05	1.18	0	1	0	0	2.69	0	-0.2	0.1	0	0	6250.6	0
17	24	1983	3.05	1.5	0	0.58	0	0	2.29	0	-0.3	0.1	0	0	6251.1	0
18	24	1983	0.25	1.05	0	0.63	0	0	0.24	0	-0.3	0.1	0	0	6251.8	0
19	24	1983	0	0.49	0	0.58	0	0	0.18	0	-0.3	0.1	0	0	6252.4	0
20	24	1983	0	0	0	0.52	0	0	0.16	0	-0.3	0.1	0	0	6252.9	0
21	24	1983	0	0	0	0.02	0	0	0.13	0	-0.3	0.1	0	0	6252.9	0
22	24	1983	0	0	0	0.02	0	0	0.1	0	-0.2	0.1	0	0	6252.9	0
23	24	1983	13.21	1.05	0	0.74	0	0	11.43	0	-0.1	0.1	0	0	6253.6	0.01
24	24	1983	2.29	1.33	0.42	0.5	0	0	1.01	0	0.4	0.1	0	0	6254.1	0
25	24	1983	0.51	0.73	0.07	0.91	0	0	0.13	0	0.0	0.1	0	0	6255.1	0
26	24	1983	1.27	0.34	0	1.2	0	0	0.54	0	-0.2	0.1	0	0	6256.2	0
27	24	1983	0	0	0	0.38	0	0	0.03	0	-0.2	0.1	0	0	6256.6	0
28	24	1983	0	0	0	0.02	0	0	0.05	0	-0.2	0.1	0	0	6256.6	-0.01
29	24	1983	0	0	0.07	0.03	0	0	-0.08	0	-0.1	0.1	0	0	6256.7	0
30	24	1983	5.08	0.82	2.41	1.05	0	0	0.76	0	0.4	0.1	1.96	0	6257.7	0
31	24	1983	0	0	0.36	0.82	0	0	-0.38	0	0.3	0.1	0	0	6258.6	-0.01
32	24	1983	0	0	0.3	0	0	0	-0.27	0	0.2	0.1	0	0	6258.6	0
33	24	1983	7.11	0.66	0.14	1.14	0	0	5.16	0	0.0	0.1	0	0	6259.7	0
34	24	1983	9.65	1.22	9.13	0.59	0	0	-0.66	0	1.0	0.1	8.07	0	6260.3	0
35	24	1983	2.03	0.67	0	1.37	0	0	1.27	0	-0.2	0.1	0	0	6261.6	0
36	24	1983	0	0	0	0.78	0	0	-0.04	0	-0.2	0.1	0	0	6262.4	-0.01
37	24	1983	0	0	0	0.12	0	0	-0.07	0	-0.2	0.1	0	0	6262.5	0
38	24	1983	6.1	1.06	0	0.65	0	0	4.4	0	-0.1	0.1	0	0	6263.2	0.01
39	24	1983	1.02	0.64	0	1	0	0	0.46	0	-0.1	0.1	0	0	6264.2	0
40	24	1983	0	0.05	0	0.61	0	0	0.02	0	-0.2	0.1	0	0	6264.8	0
41	24	1983	0	0	0	0.12	0	0	-0.02	0	-0.2	0.1	0	0	6264.9	0
42	24	1983	0	0	0	0.11	0	0	-0.07	0	-0.2	0.1	0	0	6265	0
43	24	1983	0	0	0	0.07	0	0	-0.03	0	-0.2	0.1	0	0	6265.1	0
44	24	1983	0	0	0	0.05	0	0	-0.01	0	-0.2	0.1	0	0	6265.2	0
45	24	1983	0	0	0	0.37	0.33	0	-0.05	0	-0.5	0.1	0	0	6265.5	0
46	24	1983	0	0	0.11	0	0	0	-0.13	0	0.0	0.1	0.03	0	6265.5	0
47	24	1983	0	0	0.71	0.54	0.55	0	-0.72	0	0.0	0.1	0.1	0	6266.1	0
48	24	1983	0.25	0	2.45	0.66	0.53	0	-2.36	0	1.7	0.1	0.12	0	6266.7	0
49	24	1983	0	0	1.87	0.03	0	0	-1.91	0	1.5	0.1	0.27	0	6266.8	-0.01
50	24	1983	0	0	1.01	0.41	0.33	0	-1.08	0	0.4	0.1	0.16	0	6267.2	-0.01
51	24	1983	0	0	1.56	0.52	0.49	0	-1.6	0	0.4	0.1	0.54	0	6267.7	0
52	24	1983	0	0	4	0.86	0.87	0	-4	0	1.7	0.1	1.3	0	6268.6	0
53	24	1983	0	0	3.72	0.66	0.64	0	-3.72	0	2.2	0.1	0.74	0	6269.2	0
54	24	1983	1.02	0	4.14	1.23	0.63	0	-3.72	0	3.4	0.1	0	0	6270.4	0
55	24	1983	0	0	2.52	0.06	0	0	-2.55	0	1.3	0.1	1.11	0	6270.5	0
56	24	1983	0	0	0.18	0.3	0	0	-0.43	0	0.0	0.1	0	0	6270.8	-0.01
57	24	1983	0	0	0	0.49	0	0	-0.42	0	-0.2	0.1	0	0	6271.3	0
58	24	1983	0	0	0	0.47	0.31	0	-0.14	0	-0.4	0.1	0	0	6271.8	0
59	24	1983	0	0	0.42	0.59	0.54	0	-0.47	0	-0.6	0.1	0.34	0	6272.4	0
60	24	1983	0	0	1.9	0.93	0.9	0	-1.93	0	-0.8	0.1	1.72	0	6273.3	0
61	24	1983	0	0	1.82	0.72	0.72	0	-1.82	0	-0.3	0.1	1.32	0	6274	0.01
62	24	1983	0	0	1.7	0.05	0	0	-1.74	0	0.6	0.1	1.03	0	6274.1	0
63	24	1983	4.06	0.33	3.99	1.51	0	0	-1.76	0	0.6	0.1	3.27	0	6275.6	0
64	24	1983	0	0	2.46	1.69	1.34	0	-4.8	0	-0.7	0.1	4.02	0	6277.3	0
65	24	1983	0.25	0	0	1.15	1	0	0	0	-1.0	0.1	0	0	6278.4	-0.01
66	24	1983	0.76	0	0	1.19	0.74	0	0	0	-0.5	0.1	0	0	6279.6	-0.01
67	24	1983	3.05	0.54	0	1.44	0	0	0	0	1.0	0.1	0	0	6281	-0.01
68	24	1983	0.51	0	0	1.61	0.56	0	0	0	-0.7	0.1	0	0	6282.7	-0.01
69	24	1983	5.08	0.43	0	1.59	0	0	0	0	3.0	0.1	0	0	6284.2	0
70	24	1983	6.35	0.68	0	1.62	0	0	0	0	4.4	0.1	0	0	6285.9	0
71	24	1983	0	0	0	1.32	0	0	0	0	-0.7	0.1	0	0	6287.2	-0.01
72	24	1983	0	0	0	1.8	0.88	0	0	0	-1.9	0.1	0	0	6289	-0.03
73	24	1983	0	0	0	1.25	1.01	0	0	0	-1.4	0.1	0	0	6290.2	-0.01
74	24	1983	0	0	0	1.23	0.71	0	0	0	-1.3	0.1	0	0	6291.4	-0.01
75	24	1983	0	0	0	1.76	1.24	0	0	0	-1.9	0.1	0	0	6293.2	-0.02
76	24	1983	0	0	0	1.4	1.11	0	0	0	-1.5	0.1	0	0	6294.6	-0.02
77	24	1983	2.29	0	0	3.01	0.98	0	0	0	-0.8	0.1	0	0	6297.6	-0.02
78	24	1983	2.79	0	0	2.43	0.72	0	0	0	0.3	0.1	0	0	6300	-0.01
79	24	1983	1.02	0	0	1.85	0.44	0	0	0	-0.9	0.1	0	0	6301.9	-0.02
80	24	1983	17.78	0	5.71	1.48	0	0	10.82	0	5.4	0.1	0	0	6303.4	-0.02
81	24	1983	0.51	0	1.92	0.4	0	0	-1.63	0	1.6	0.1	0	0	6303.8	0
82	24	1983	3.3	0	0.03	1.61	0	0	1.84	0	-0.3	0.1	0	0	6305.4	0
83	24	1983	0	0	0.15	0.16	0	0	-0.15	0	-0.1	0.1	0	0	6305.5	0
84	24	1983	0	0	2.16	0.11	0	0	-2.05	0	1.8	0.1	0	0	6305.6	0
85	24	1983	0	0	6.22	0.65	0.58	0	-6.03	0	5.3	0.1	0	0	6306.3	0
86	24	1983	3.3	0	4.54	2.08	0.46	0	-2.8	0	3.9	0.1	0	0	6308.4	0.01
87	24	1983	6.1	0	0	1.9	0.05	0	0	0	4.1	0.1	0	0	6310.3	0
88	24	1983	1.27	0	0.09	1.76	0	0	0	0	-0.6	0.1	0	0	6312	-0.02
89	24	1983	0	0	0	0.83	0	0	0	0	-0.9	0.1	0	0	6312.9	0
90	24	1983	0	0	0	1.01	0.63	0	0	0	-1.1	0.1	0	0	6313.9	0.01
91	24	1983	0	0	0	2.28	1.48	0	0	0	-2.4	0.1	0	0	6316.1	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
92	24	1983	0.51	0	0	3.05	1.68	0	0	0	-2.6	0.1	0	0	6319.2	-0.02
93	24	1983	2.79	0	0	3.03	0.67	0	0	0	-0.4	0.1	0	0	6322.2	0
94	24	1983	0	0	0	2.71	1.56	0	0	0	-2.8	0.1	0	0	6324.9	-0.01
95	24	1983	0	0	0	1.45	0.86	0	0	0	-1.5	0.1	0	0	6326.4	-0.02
96	24	1983	0	0	0	1.08	0.85	0	0	0	-1.2	0.1	0	0	6327.5	-0.02
97	24	1983	5.84	0.24	0	1.44	0.07	0	0	0	4.0	0.1	0	0	6328.9	0.03
98	24	1983	0	0	0	1.6	0.79	0	0	0	-1.5	0.1	0	0	6330.5	-0.01
99	24	1983	1.27	0	0	3.5	1.5	0	0	0	-2.3	0.1	0	0	6334	-0.02
100	24	1983	22.1	0	0	3.3	0.67	0	0	0	18.7	0.1	0	0	6337.3	0
101	24	1983	0	0	0	2.36	1.19	0	0	0	-2.5	0.1	0	0	6339.7	-0.01
102	24	1983	0.51	0	0	2.82	1.07	0	0	0	-2.4	0.1	0	0	6342.5	-0.02
103	24	1983	0	0	0	3.51	2.1	0	0	0	-3.6	0.1	0	0	6346	-0.01
104	24	1983	0	0	0	2.76	2.02	0	0	0	-2.8	0.1	0	0	6348.8	-0.02
105	24	1983	26.42	0.29	0	1.65	0.03	0	0	0	24.4	0.1	0	0	6350.4	-0.01
106	24	1983	12.7	0.09	0	2.25	0	0	0	0	10.5	0.1	0	0	6352.7	0.02
107	24	1983	0	0	0	1.46	0.83	0	0	0	-1.5	0.1	0	0	6354.1	-0.01
108	24	1983	0	0	0	1.52	0.52	0	0	0	-1.6	0.1	0	0	6355.6	-0.01
109	24	1983	13.46	0	7.23	1.37	0	0	5.19	0	6.8	0.1	0	0	6357	0
110	24	1983	10.16	0.08	13.34	1.34	0	0	-5.19	0	13.8	0.1	0	0	6358.4	0
111	24	1983	7.87	0.16	0	1.87	0	0	0	0	5.8	0.1	0	0	6360.2	0
112	24	1983	0	0	0	2.38	1.11	0	0	0	-2.3	0.1	0	0	6362.6	0
113	24	1983	0	0	0	2.43	1.47	0	0	0	-2.5	0.1	0	0	6365	-0.01
114	24	1983	12.95	0.31	0	1.5	0.03	0	0	0	11.1	0.1	0	0	6366.5	0
115	24	1983	10.67	0.44	0	1.49	0	0	0	0	8.9	0.1	0	0	6368	0.02
116	24	1983	0	0	0	2.29	1.35	0	0	0	-1.9	0.1	0	0	6370.3	-0.01
117	24	1983	0	0	0	3.58	2.23	0	0	0	-3.7	0.1	0	0	6373.9	-0.01
118	24	1983	3.56	0	0	4.41	1.56	0	0	0	-0.9	0.1	0	0	6378.3	-0.02
119	24	1983	6.86	0	0	3.67	1.02	0	0	0	3.1	0.1	0	0	6382	-0.02
120	24	1983	23.37	0	0	4.27	1.33	0	0	0	19.0	0.1	0	0	6386.2	-0.01
121	24	1983	7.11	0	0	2.92	0.65	0	0	0	4.1	0.1	0	0	6389.2	-0.03
122	24	1983	8.13	0	0	3.15	1.18	0	0	0	4.9	0.1	0	0	6392.3	-0.04
123	24	1983	1.27	0	0	3.27	1.13	0	0	0	-2.1	0.1	0	0	6395.6	-0.03
124	24	1983	0	0	0	3.36	1.38	0	0	0	-3.4	0.1	0	0	6398.9	-0.03
125	24	1983	1.78	0	0	2.72	0.85	0	0	0	-1.0	0.1	0	0	6401.7	-0.02
126	24	1983	0	0	0	3.39	1.74	0	0	0	-3.5	0.1	0	0	6405	-0.03
127	24	1983	0	0	0	6.04	3.52	0	0	0	-6.1	0.1	0	0	6411.1	-0.01
128	24	1983	17.78	0	0	4.01	1.06	0	0	0	13.7	0.1	0	0	6415.1	-0.02
129	24	1983	0	0	0	2.62	0.93	0	0	0	-2.7	0.1	0	0	6417.7	-0.03
130	24	1983	0	0	0	2.89	1.18	0	0	0	-3.0	0.1	0	0	6420.6	-0.02
131	24	1983	0	0	0	3.24	1.5	0	0	0	-3.4	0.1	0	0	6423.8	-0.01
132	24	1983	0	0	0	2.14	1.24	0	0	0	-2.3	0.1	0	0	6426	-0.01
133	24	1983	0	0	0	3	1.8	0	0	0	-3.1	0.1	0	0	6429	0
134	24	1983	0	0	0	2.48	1.85	0	0	0	-2.6	0.1	0	0	6431.5	-0.01
135	24	1983	6.35	0	0	4.38	1.19	0	0	0	1.9	0.1	0	0	6435.9	-0.02
136	24	1983	0	0	0	2.58	0.78	0	0	0	-2.7	0.1	0	0	6438.4	-0.01
137	24	1983	0	0	0	3.03	1.22	0	0	0	-3.2	0.1	0	0	6441.5	-0.01
138	24	1983	0	0	0	4.02	1.83	0	0	0	-4.1	0.1	0	0	6445.5	-0.01
139	24	1983	8.64	0	0	3.11	0.9	0	0	0	5.4	0.1	0	0	6448.6	-0.02
140	24	1983	0	0	0	3.61	1.91	0	0	0	-3.7	0.1	0	0	6452.2	-0.03
141	24	1983	0	0	0	2.22	1.3	0	0	0	-2.4	0.1	0	0	6454.4	0
142	24	1983	2.03	0	0	3.58	1.17	0	0	0	-1.7	0.1	0	0	6458	-0.02
143	24	1983	0	0	0	2.85	1.59	0	0	0	-3.0	0.2	0	0	6460.8	-0.03
144	24	1983	0	0	0	2.32	0.97	0	0	0	-2.5	0.2	0	0	6463.2	-0.02
145	24	1983	0.76	0	0	5.29	2.19	0	0	0	-4.7	0.2	0	0	6468.5	-0.02
146	24	1983	10.41	0	0	4.58	1.05	0	0	0	5.7	0.2	0	0	6473	-0.02
147	24	1983	0	0	0	2.55	0.98	0	0	0	-2.7	0.2	0	0	6475.6	-0.02
148	24	1983	0	0	0	4.36	1.79	0	0	0	-4.5	0.2	0	0	6480	-0.01
149	24	1983	1.27	0	0	2.04	0.72	0	0	0	-0.9	0.2	0	0	6482	-0.01
150	24	1983	5.59	0	0	2.84	1.02	0	0	0	2.6	0.2	0	0	6484.8	-0.04
151	24	1983	13.46	0	0	3.34	0.87	0	0	0	10.0	0.2	0	0	6488.2	-0.03
152	24	1983	0	0	0	3.06	1.34	0	0	0	-3.2	0.2	0	0	6491.2	-0.02
153	24	1983	0	0	0	5.14	2.27	0	0	0	-5.3	0.2	0	0	6496.4	-0.02
154	24	1983	0	0	0	5.25	2.48	0	0	0	-5.4	0.2	0	0	6501.6	-0.01
155	24	1983	5.08	0	0	2.38	0.34	0	0	0	2.5	0.2	0	0	6504	-0.02
156	24	1983	0	0	0	4.79	2.35	0	0	0	-5.0	0.2	0	0	6508.8	-0.03
157	24	1983	4.32	0	0	4.96	1.4	0	0	0	-0.9	0.2	0	0	6513.8	-0.02
158	24	1983	0	0	0	4.61	2.3	0	0	0	-4.8	0.2	0	0	6518.4	-0.02
159	24	1983	0	0	0	5.17	2.37	0	0	0	-5.4	0.2	0	0	6523.5	-0.01
160	24	1983	0	0	0	5.31	2.93	0	0	0	-5.5	0.2	0	0	6528.8	-0.01
161	24	1983	0	0	0	4.58	2.94	0	0	0	-4.8	0.2	0	0	6533.4	0.01
162	24	1983	0	0	0	5.51	3.08	0	0	0	-5.7	0.2	0	0	6538.9	-0.01
163	24	1983	0	0	0	6.16	3.76	0	0	0	-6.4	0.2	0	0	6545.1	0
164	24	1983	0	0	0	5.54	3.3	0	0	0	-5.8	0.3	0	0	6550.6	-0.02
165	24	1983	0	0	0	5.55	3.42	0	0	0	-5.8	0.3	0	0	6556.2	-0.02
166	24	1983	0	0	0	4.66	3	0	0	0	-4.9	0.3	0	0	6560.8	-0.02
167	24	1983	0	0	0	5.32	3.36	0	0	0	-5.6	0.3	0	0	6566.2	-0.02
168	24	1983	8.89	0	0	5.88	2.24	0	0	0	2.8	0.3	0	0	6572	-0.02
169	24	1983	0	0	0	3.68	2.33	0	0	0	-3.9	0.3	0	0	6575.7	-0.03
170	24	1983	0	0	0	3.9	2.59	0	0	0	-4.2	0.3	0	0	6579.6	-0.02
171	24	1983	0	0	0	4.2	2.61	0	0	0	-4.5	0.3	0	0	6583.8	0
172	24	1983	0	0	0	5.17	3.23	0	0	0	-5.4	0.3	0	0	6589	-0.02
173	24	1983	0	0	0	3.99	3.39	0	0	0	-4.2	0.3	0	0	6593	-0.02
174	24	1983	0	0	0	3.05	3.08	0	0	0	-3.3	0.3	0	0	6596	-0.01
175	24	1983	0	0	0	2.29	2.3	0	0	0	-2.6	0.3	0	0	6598.3	-0.01
176	24	1983	0	0	0	1.14	1.22	0	0	0	-1.4	0.3	0	0	6599.5	-0.01
177	24	1983	0	0	0	1.97	1.71	0	0	0	-2.2	0.3	0	0	6601.4	-0.01
178	24	1983	0	0	0	1.2	1.42	0	0	0	-1.5	0.3	0	0	6602.6	-0.01
179	24	1983	19.81	0	0	2.91	0.33	0	0	0	16.6	0.3	0	0	6605.5	-0.02
180	24	1983	0	0	0	4.78	3.22	0	0	0	-5.0	0.3	0	0	6610.3	-0.03
181	24	1983	0	0	0	4.17	3	0	0	0	-4.4	0.3	0	0	6614.5	-0.02
182	24	1983	5.33	0	0	5.61	2.36	0	0	0	-0.6	0.3	0	0	6620.1	0.01
183	24	1983	0	0	0	3.07	2.42	0	0	0	-3.4	0.3	0	0	6623.2	-0.01
184	24	1983	0	0	0	4.1	2.46	0	0	0	-4.4	0.3	0	0	6627.3	-0.02
185	24	1983	1.52	0	0	4.48	1.84	0	0	0	-3.2	0.3	0	0	6631.8	-0.02
186	24	1983	0	0	0	1.89	1.04	0	0	0	-2.2	0.3	0	0	6633.6	-0.03
187	24	1983	0.51	0	0	2.09	0.84	0	0	0	-1.8	0.3	0	0	6635.7	-0.03
188	24	1983	0	0	0	2.51	1.25	0	0	0	-2.8	0.3	0	0	6638.2	-0.02
189	24	1983	0	0	0	1.76	1.32	0	0	0	-2.1	0.3	0	0	6640	-0.01
190	24	1983	2.03	0	0	2.8	0.83	0	0	0	-1.1	0.3	0	0	6642.8	-0.02
191	24	1983	0	0	0	1.23	0.98	0	0	0	-1.5	0.3	0	0	6644	-0.02
192	24	1983	0	0	0	0.95	0.96	0	0	0	-1.2	0.3	0	0	6645	-0.01
193	24	1983	0	0	0	0.69	0.97	0	0	0	-1.0	0.3	0	0	6645.7	0
194	24	1983	0	0	0	1.09	0.89	0	0	0	-1.4	0.3	0	0	6646.8	-0.02
195	24	1983	0	0	0	1.12	0.98	0	0	0	-1.4	0.3	0	0	6647.9	-0.01
196	24	1983	0	0	0	0.73	0.9	0	0	0	-1.0	0.3	0	0	6648.6	0
197	24	1983	0	0	0	0.8	0.77	0	0	0	-1.1	0.3	0	0	6649.4	-0.03
198	24	1983	0	0	0	1	0.75	0	0	0	-1.3	0.3	0	0	6650.4	-0.03
199	24	1983	0	0	0	0.57	0.74	0	0	0	-0.9	0.3	0	0	6651	0
200	24	1983	0	0	0	0.84	0.64	0	0	0	-1.1	0.3	0	0	6651.8	-0.03
201	24	1983	0	0	0	0.87	0.76	0	0	0	-1.1	0.3	0	0	6652.7	-0.01
202	24	1983	14.22	0	0	5.62	1.95	0	0	0	8.3	0.3	0	0	6658.3	-0.02
203	24	1983	0	0	0	3.4	1.78	0	0	0	-3.6	0.3	0	0	6661.7	-0.04
204	24	1983	0	0	0	2.35	0.94	0	0	0	-2.6	0.3	0	0	6664.1	-0.02
205	24	1983	3.05	0	0	3.86	0.48	0	0	0	-1.1	0.3	0	0	6667.9	0.01
206	24	1983	0	0	0	2.09	0.84	0	0	0	-2.3	0.3	0	0	6670	-0.06
207	24	1983	0	0	0	2.23	0.9	0	0	0	-2.5	0.3	0	0	6672.2	-0.05
208	24	1983	0	0	0	1.55	0.85	0	0	0	-1.8	0.3	0	0	6673.8	-0.04
209	24	1983	0.51	0	0	1.1	0.67	0	0	0	-0.9	0.3	0	0	6674.9	0
210	24	1983	9.4	0	0	4.04	0.54	0	0	0	5.1	0.3	0	0	6678.9	0
211	24	1983	5.84	0	0	5	1.15	0	0	0	0.6	0.3	0	0	6683.9	-0.03
212	24	1983	16.26	0	0	5.56	1.77	0	0	0	10.5	0.3	0	0	6689.5	-0.07
213	24	1983	17.53	0	0	6.52	2.57	0	0	0	10.8	0.3	0	0	6696	-0.05
214	24	1983	0	0	0	5.23	3.78	0	0	0	-5.5	0.3	0	0	6701.2	-0.05
215	24	1983	0	0	0	4.9	3.94	0	0	0	-5.1	0.3	0	0	6706.1	-0.06
216	24	1983	0	0	0	2.8	2.34	0	0	0	-3.0	0.3	0	0	6708.9	-0.02
217	24	1983	2.79	0	0	4.54	1.84	0	0	0	-2.0	0.3	0	0	6713.5	-0.02
218	24	1983	0	0	0	3.81	2.76	0	0	0	-4.0	0.3	0	0	6717.3	-0.06
219	24	1983	0	0	0	3.98	2.6	0	0	0	-4.2	0.3	0	0	6721.3	-0.06
220	24	1983	2.29	0	0	4.31	1.78	0	0	0	-2.3	0.3	0	0	6725.6	-0.02
221	24	1983	0	0	0	3.22	1.45	0	0	0	-3.4	0.3	0	0	6728.8	-0.03
222	24	1983	0	0	0	2.15	1.14	0	0	0	-2.4	0.3	0	0	6730.9	-0.03
223	24	1983	12.45	0	0	3.34	0.23	0	0	0	8.9	0.3	0	0	6734.3	-0.02
224	24	1983	2.03	0	0	2.17	0.25	0	0	0	-0.4	0.3	0	0	6736.4	-0.04
225	24	1983	0	0	0	2.56	1.74	0	0	0	-2.8	0.3	0	0	6739	-0.05
226	24	1983	0	0	0	2.53	1.56	0	0	0	-2.8	0.3	0	0	6741.5	-0.03
227	24	1983	0	0	0	1.73	1.24	0	0	0	-2.0	0.3	0	0	6743.3	-0.01
228	24	1983	0	0	0	3.11	1.47	0	0	0	-3.3	0.3	0	0	6746.4	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
229	24	1983	0	0	0	2.08	1.08	0	0	0	-2.3	0.3	0	0	6748.5	-0.03
230	24	1983	13.21	0	0	3.96	1.13	0	0	0	9.0	0.2	0	0	6752.4	-0.02
231	24	1983	0	0	0	4.08	2.16	0	0	0	-4.3	0.2	0	0	6756.5	-0.03
232	24	1983	0	0	0	2.49	1.42	0	0	0	-2.7	0.2	0	0	6759	-0.03
233	24	1983	0	0	0	3.54	1.12	0	0	0	-3.8	0.2	0	0	6762.5	-0.02
234	24	1983	10.16	0	0	4.24	1.03	0	0	0	5.7	0.2	0	0	6766.8	-0.01
235	24	1983	0	0	0	3.13	1.39	0	0	0	-3.4	0.2	0	0	6769.9	-0.02
236	24	1983	0	0	0	2.09	0.92	0	0	0	-2.3	0.2	0	0	6772	0
237	24	1983	0	0	0	3.19	0.98	0	0	0	-3.4	0.2	0	0	6775.2	-0.01
238	24	1983	0	0	0	2.94	0.97	0	0	0	-3.2	0.2	0	0	6778.1	0.01
239	24	1983	0	0	0	0.99	0.83	0	0	0	-1.2	0.2	0	0	6779.1	-0.01
240	24	1983	0	0	0	0.95	0.8	0	0	0	-1.2	0.2	0	0	6780.1	-0.01
241	24	1983	0	0	0	0.51	0.56	0	0	0	-0.7	0.2	0	0	6780.6	-0.01
242	24	1983	10.41	0	0	2.99	0.75	0	0	0	7.2	0.2	0	0	6783.6	-0.02
243	24	1983	0.25	0	0	2.65	0.58	0	0	0	-2.6	0.2	0	0	6786.2	-0.03
244	24	1983	0	0	0	2.93	0.53	0	0	0	-3.1	0.2	0	0	6789.2	-0.01
245	24	1983	0	0	0	2.85	0.59	0	0	0	-3.1	0.2	0	0	6792	-0.02
246	24	1983	0	0	0	0.8	0.43	0	0	0	-1.0	0.2	0	0	6792.8	-0.01
247	24	1983	0	0	0	0.56	0.46	0	0	0	-0.8	0.2	0	0	6793.4	-0.01
248	24	1983	1.27	0	0	1.56	0.45	0	0	0	-0.5	0.2	0	0	6794.9	-0.01
249	24	1983	0	0	0	0.71	0.55	0	0	0	-0.9	0.2	0	0	6795.6	-0.01
250	24	1983	0.76	0	0	1.15	0.38	0	0	0	-0.6	0.2	0	0	6796.8	-0.02
251	24	1983	0	0	0	0.68	0.43	0	0	0	-0.9	0.2	0	0	6797.5	-0.02
252	24	1983	0	0	0	0.64	0.49	0	0	0	-0.8	0.2	0	0	6798.1	-0.01
253	24	1983	23.37	0	0	3.61	0.89	0	0	0	19.6	0.2	0	0	6801.7	-0.03
254	24	1983	0	0	0	2.7	0.75	0	0	0	-2.9	0.2	0	0	6804.4	-0.03
255	24	1983	0	0	0	2.15	0.58	0	0	0	-2.3	0.2	0	0	6806.6	-0.03
256	24	1983	0	0	0	2.94	0.65	0	0	0	-3.1	0.2	0	0	6809.5	-0.01
257	24	1983	0	0	0	2.09	0.49	0	0	0	-2.3	0.2	0	0	6811.6	-0.01
258	24	1983	0	0	0	2.58	0.51	0	0	0	-2.8	0.2	0	0	6814.2	-0.01
259	24	1983	0.51	0	0	2.42	0.4	0	0	0	-2.1	0.2	0	0	6816.6	-0.02
260	24	1983	3.3	0	0	2.35	0.28	0	0	0	0.8	0.2	0	0	6818.9	0
261	24	1983	1.02	0	0	3.04	0.39	0	0	0	-2.2	0.2	0	0	6822	-0.01
262	24	1983	17.27	0	0	3.66	0.44	0	0	0	13.4	0.2	0	0	6825.7	-0.01
263	24	1983	0	0	0	2.89	0.47	0	0	0	-3.1	0.2	0	0	6828.5	-0.03
264	24	1983	27.94	0	0	4.14	0.26	0	0	0	23.6	0.2	0	0	6832.7	-0.01
265	24	1983	0	0	0	4.61	0.18	0	0	0	-4.8	0.2	0	0	6837.3	0
266	24	1983	0	0	0	4.37	0.15	0	0	0	-4.6	0.2	0	0	6841.7	0
267	24	1983	0	0	0	3.12	0.1	0	0	0	-3.3	0.2	0	0	6844.8	0
268	24	1983	0	0	0	1.96	0.06	0	0	0	-2.2	0.2	0	0	6846.7	0
269	24	1983	0.25	0	0	2.33	0.02	0	0	0	-2.3	0.2	0	0	6849.1	0.01
270	24	1983	0	0	0	2.18	0	0	0	0	-2.4	0.2	0	0	6851.2	0
271	24	1983	0	0	0	1.15	0	0	0	0	-1.3	0.2	0	0	6852.4	0
272	24	1983	0	0	0	1.95	0	0	0	0	-2.1	0.2	0	0	6854.3	0
273	24	1983	0	0	0	1.69	0	0	0	0	-1.9	0.2	0	0	6856	0
274	24	1983	0	0	0	1.72	0.01	0	0	0	-1.9	0.2	0	0	6857.8	0
275	24	1983	0	0	0	0.24	0.01	0	0	0	-0.4	0.2	0	0	6858	0
276	24	1983	0	0	0	1.14	0.03	0	0	0	-1.3	0.2	0	0	6859.1	0
277	24	1983	2.03	0	0	0.59	0.02	0	0	0	1.3	0.2	0	0	6859.7	0
278	24	1983	10.92	0	0	2.23	0.01	0	0	0	8.5	0.2	0	0	6861.9	0.02
279	24	1983	1.27	0	0	3.43	0.01	0	0	0	-2.4	0.2	0	0	6865.4	0.01
280	24	1983	0	0	0	3.46	0.01	0	0	0	-3.7	0.2	0	0	6868.8	0.01
281	24	1983	0.51	0	0	2.8	0.03	0	0	0	-2.5	0.2	0	0	6871.6	0
282	24	1983	0	0	0	1.44	0.01	0	0	0	-1.6	0.2	0	0	6873.1	0.01
283	24	1983	0	0	0	1.18	0.02	0	0	0	-1.4	0.2	0	0	6874.3	0
284	24	1983	0	0	0	1.72	0.02	0	0	0	-1.9	0.2	0	0	6876	0.01
285	24	1983	8.89	0	0	0.54	0.01	0	0	0	8.2	0.2	0	0	6876.5	0.02
286	24	1983	13.72	0	0	1.66	0.03	0	0	0	11.9	0.2	0	0	6878.2	0
287	24	1983	0	0	0	4.86	0.02	0	0	0	-5.0	0.2	0	0	6883	0
288	24	1983	0	0	0	3.21	0.02	0	0	0	-3.4	0.2	0	0	6886.3	0.01
289	24	1983	0	0	0	1.69	0.02	0	0	0	-1.9	0.2	0	0	6887.9	0.01
290	24	1983	0	0	0	1.99	0.03	0	0	0	-2.2	0.2	0	0	6889.9	0.02
291	24	1983	0	0	0	1.41	0.02	0	0	0	-1.6	0.2	0	0	6891.3	0.01
292	24	1983	0	0	0	1.63	0.02	0	0	0	-1.8	0.2	0	0	6893	0
293	24	1983	0	0	0	1.87	0.02	0	0	0	-2.0	0.2	0	0	6894.8	0
294	24	1983	0	0	0	1.99	0.03	0	0	0	-2.2	0.2	0	0	6896.8	0
295	24	1983	0	0	0	1.53	0.03	0	0	0	-1.7	0.2	0	0	6898.4	0
296	24	1983	7.62	0.02	0	0.57	0	0	0	0	6.9	0.2	0	0	6898.9	0
297	24	1983	0	0	0	0.97	0.01	0	0	0	-1.1	0.2	0	0	6899.9	0
298	24	1983	0	0	0	1.7	0.03	0	0	0	-1.9	0.2	0	0	6901.6	0.01
299	24	1983	3.3	0	0	1.57	0.01	0	0	0	1.6	0.2	0	0	6903.2	0.01
300	24	1983	2.03	0	0	1.87	0.01	0	0	0	0.0	0.2	0	0	6905	0.01
301	24	1983	0	0	0	3.69	0.07	0	0	0	-3.9	0.2	0	0	6908.7	0.01
302	24	1983	0	0	0	3.35	0.03	0	0	0	-3.5	0.2	0	0	6912.1	-0.01
303	24	1983	0	0	0	1.21	0.03	0	0	0	-1.4	0.2	0	0	6913.3	0
304	24	1983	0	0	0	1.43	0.04	0	0	0	-1.6	0.2	0	0	6914.7	0
305	24	1983	0	0	0	1.33	0.07	0	0	0	-1.5	0.2	0	0	6916	0.01
306	24	1983	5.33	0	0	0.73	0.01	0	0	0	4.5	0.2	0	0	6916.8	0.01
307	24	1983	3.3	0	0	1.03	0.01	0	0	0	2.1	0.2	0	0	6917.8	0
308	24	1983	1.78	0	0	1.4	0	0	0	0	0.2	0.2	0	0	6919.2	0
309	24	1983	0.76	0	0	0.65	0	0	0	0	0.0	0.2	0	0	6919.9	0
310	24	1983	0	0	0	0.53	0	0	0	0	-0.7	0.1	0	0	6920.4	0
311	24	1983	0	0	0	0.69	0.02	0	0	0	-0.8	0.1	0	0	6921.1	0
312	24	1983	0	0	0	1.26	0.06	0	0	0	-1.4	0.1	0	0	6922.3	0
313	24	1983	0	0	0	0.79	0.07	0	0	0	-0.9	0.1	0	0	6923.1	0
314	24	1983	24.13	0	0	0.94	0.01	0	0	0	23.1	0.1	0	0	6924.1	0
315	24	1983	8.13	0.05	0	0.73	0	0	0	0	7.2	0.1	0	0	6924.8	0
316	24	1983	4.32	0	0	0.94	0	0	4.31	0	-1.0	0.1	0	0	6925.7	0
317	24	1983	0	0	0	0.1	0	0	0.12	0	-0.4	0.1	0	0	6925.8	0
318	24	1983	0	0	0.43	0.1	0	0	-0.25	0	0.0	0.1	0	0	6925.9	0
319	24	1983	5.33	0	7.32	-0.1	0	0	-1.68	0	7.0	0.1	0	0	6925.8	0
320	24	1983	6.35	0	8.15	-0.13	0.01	0	-2.5	0	8.8	0.1	0	0	6925.7	0
321	24	1983	7.37	0	0	1.19	0	0	0	0	6.1	0.1	0	0	6926.9	-0.01
322	24	1983	0	0	0	1.37	0	0	0	0	-1.5	0.1	0	0	6928.3	0
323	24	1983	0	0	0	0.33	0.03	0	0	0	-0.5	0.1	0	0	6928.6	0
324	24	1983	2.54	0	0	1.63	0.07	0	0	0	0.8	0.1	0	0	6930.2	0
325	24	1983	11.18	0	0	2.33	0.06	0	0	0	8.7	0.1	0	0	6932.6	-0.01
326	24	1983	0	0	0	1.17	0.04	0	0	0	-1.3	0.1	0	0	6933.7	0
327	24	1983	0.76	0	0	0.96	0.03	0	0	0	-0.3	0.1	0	0	6934.7	-0.01
328	24	1983	5.08	0.03	0	0.44	0	0	0	0	4.5	0.1	0	0	6935.1	-0.01
329	24	1983	8.13	0	0	1.54	0	0	0	0	6.5	0.1	0	0	6936.7	-0.01
330	24	1983	0	0	0	1.05	0	0	0	0	-1.2	0.1	0	0	6937.7	0
331	24	1983	0	0	0	0.98	0	0	0	0	-1.1	0.1	0	0	6938.7	0
332	24	1983	9.65	0	0	0.82	0	0	0	0	8.7	0.1	0	0	6939.5	0
333	24	1983	3.81	0	0	0.95	0.01	0	0	0	2.7	0.1	0	0	6940.5	0
334	24	1983	1.27	0	0.43	0.77	0	0	0.8	0	-0.4	0.1	0	0	6941.2	-0.01
335	24	1983	0.25	0	0	0.36	0	0	0.59	0	-0.8	0.1	0	0	6941.6	-0.01
336	24	1983	2.03	0	0	0.35	0	0	1.97	0	-0.4	0.1	0	0	6941.9	0
337	24	1983	0.51	0	0	0.19	0	0	0.68	0	-0.5	0.1	0	0	6942.1	-0.01
338	24	1983	8.38	0	0	0.18	0	0	8.4	0	-0.3	0.1	0	0	6942.3	0
339	24	1983	0	0	0.2	-0.12	0	0	-0.02	0	0.0	0.1	0.05	0	6942.2	-0.01
340	24	1983	12.7	0	17.44	-0.26	0.02	0	-4.41	0	0.8	0.1	16.45	0	6941.9	0
341	24	1983	5.59	0	2	0.68	0	0	3.06	0	0.3	0.1	1.47	0	6942.6	-0.01
342	24	1983	1.02	0	0	0.02	0	0	1.24	0	-0.4	0.1	0	0	6942.6	0
343	24	1983	1.52	0	0	0.03	0	0	1.6	0	-0.2	0.1	0	0	6942.7	0
344	24	1983	0	0	0.44	-0.05	0	0	-0.26	0	-0.2	0.1	0.44	0	6942.6	0
345	24	1983	0	0	0	0.16	0	0	0.02	0	-0.3	0.1	0	0	6942.8	0
346	24	1983	31.24	0	0	-0.04	0	0	31.34	0	-0.2	0.1	0	0	6942.7	0
347	24	1983	34.54	0	32.18	-0.14	0	0	2.49	0	-0.1	0.1	32.18	0	6942.6	0
348	24	1983	6.6	0	9.65	-0.13	0	0	-2.94	0	0.8	0.1	8.76	0	6942.5	0
349	24	1983	0	0	5.94	-0.07	0	0	-5.89	0	4.3	0.1	1.57	0	6942.4	0
350	24	1983	0.25	0	1.22	0.47	0	0	-1.44	0	1.1	0.1	0	0	6942.9	0
351	24	1983	0	0	0	0.3	0	0	-0.27	0	-0.2	0.1	0	0	6943.2	0
352	24	1983	2.03	0	0	-0.05	0	0	2.14	0	-0.2	0.1	0	0	6943.1	0
353	24	1983	0.76	0	0	0.05	0	0	0.81	0	-0.2	0.1	0	0	6943.2	0
354	24	1983	0	0	0	0.06	0	0	0.06	0	-0.2	0.1	0	0	6943.2	0
355	24	1983	1.27	0	0	0.04	0	0	1.33	0	-0.2	0.1	0	0	6943.3	0
356	24	1983	11.43	0	0	-0.01	0	0	11.48	0	-0.2	0.1	0	0	6943.3	0
357	24	1983	0	0	0	0.25	0	0	-0.21	0	-0.1	0.1	0	0	6943.5	0
358	24	1983	5.08	0	0	-0.23	0	0	5.36	0	-0.2	0.1	0	0	6943.3	0
359	24	1983	3.3	0	0	0	0	0	3.34	0	-0.2	0.1	0	0	6943.3	0
360	24	1983	0	0	0	0	0	0	0.03	0	-0.1	0.1	0	0	6943.3	0
361	24	1983	0	0	0	0.07	0	0	-0.04	0	-0.1	0.1	0	0	6943.4	0
362	24	1983	11.18	0	0	-0.05	0	0	11.26	0	-0.1	0.1	0	0	6943.3	0
363	24	1983	0	0	0	0.38	0	0	-0.36	0	-0.1	0.1	0	0	6943.7	0
364	24	1983	0	0	0	0.22	0	0	-0.18	0	-0.1	0.1	0	0	6943.9	0
365	24	1983	0	0	0	0	0	0	0.06	0	-0.2	0.1	0	0	6943.9	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
1	24	1984	0	0	0	-0.07	0	0	0.12	0	-0.2	0.1	0	0	6943.8	0
2	24	1984	0	0	0	0.24	0	0	-0.21	0	-0.1	0.1	0	0	6944.1	0
3	24	1984	0	0	0	0.25	0	0	-0.24	0	-0.1	0.1	0	0	6944.3	0
4	24	1984	0.25	0	0	0	0	0	0.26	0	-0.1	0.1	0	0	6944.3	0
5	24	1984	0	0	0	-0.19	0	0	0.19	0	-0.1	0.1	0	0	6944.1	0
6	24	1984	3.81	0	3.97	-0.11	0	0	-0.05	0	3.9	0.1	0	0	6944	0
7	24	1984	1.27	0	0.5	0.1	0	0	0.69	0	0.4	0.1	0	0	6944.1	0
8	24	1984	2.54	0	0	-0.02	0	0	2.62	0	-0.2	0.1	0	0	6944.1	0
9	24	1984	3.3	0	0	-0.1	0	0	3.44	0	-0.1	0.1	0	0	6944	0
10	24	1984	4.32	0	0	-0.11	0	0	4.46	0	-0.1	0.1	0	0	6943.9	0
11	24	1984	0	0	0	-0.03	0	0	0.07	0	-0.1	0.1	0	0	6943.9	0
12	24	1984	0	0	0	0	0	0	0.05	0	-0.2	0.1	0	0	6943.9	0
13	24	1984	0.76	0	0	0.11	0	0	0.71	0	-0.2	0.1	0	0	6944	0
14	24	1984	2.79	0	0	-0.09	0	0	2.93	0	-0.1	0.1	0	0	6943.9	0
15	24	1984	0.76	0	0	-0.04	0	0	0.84	0	-0.1	0.1	0	0	6943.8	0
16	24	1984	0	0	0	-0.01	0	0	0.06	0	-0.2	0.1	0	0	6943.8	0
17	24	1984	0.25	0	0	-0.1	0	0	0.41	0	-0.2	0.1	0	0	6943.7	0
18	24	1984	0.51	0	0	-0.03	0	0	0.58	0	-0.1	0.1	0	0	6943.7	0
19	24	1984	1.52	0	0	-0.02	0	0	1.58	0	-0.1	0.1	0	0	6943.7	0
20	24	1984	0	0	0	0.26	0	0	-0.22	0	-0.1	0.1	0	0	6943.9	0
21	24	1984	0	0	0	0.06	0	0	-0.01	0	-0.2	0.1	0	0	6944	0
22	24	1984	0	0	0	0	0	0	0.06	0	-0.2	0.1	0	0	6944	0
23	24	1984	0	0	0	0.08	0	0	-0.02	0	-0.2	0.1	0	0	6944.1	0
24	24	1984	6.35	0	5.17	-0.17	0	0	1.36	0	2.8	0.1	2.23	0	6943.9	0
25	24	1984	0	0	1.08	-0.13	0	0	-0.96	0	1.0	0.1	0	0	6943.8	0
26	24	1984	0.25	0	0.11	0.08	0	0	0.06	0	0.0	0.1	0	0	6943.9	0
27	24	1984	0	0	0	0.11	0	0	-0.09	0	-0.1	0.1	0	0	6944	0
28	24	1984	0.25	0	0	0.11	0	0	0.18	0	-0.1	0.1	0	0	6944.1	0
29	24	1984	0.51	0	0	0.01	0	0	0.55	0	-0.2	0.1	0	0	6944.1	0
30	24	1984	0.76	0	0	-0.05	0	0	0.83	0	-0.1	0.1	0	0	6944	0
31	24	1984	2.79	0	0	-0.12	0	0	2.95	0	-0.1	0.1	0	0	6943.9	0
32	24	1984	0	0	0	0.05	0	0	-0.01	0	-0.1	0.1	0	0	6944	0
33	24	1984	0	0	0	0.13	0	0	-0.08	0	-0.2	0.1	0	0	6944.1	0
34	24	1984	1.02	0	4.92	0.1	0	0	-3.99	0	4.7	0.1	0.14	0	6944.2	0
35	24	1984	0	0	2.68	-0.08	0	0	-2.61	0	2.6	0.1	0	0	6944.1	0
36	24	1984	4.06	0	4.62	-0.1	0	0	-0.46	0	4.5	0.1	0	0	6944	0
37	24	1984	5.08	0	0.45	0.01	0	0	4.63	0	0.4	0.1	0	0	6944	0
38	24	1984	0.76	0	0	-0.05	0	0	0.85	0	-0.1	0.1	0	0	6944	0
39	24	1984	0.25	0	0	-0.01	0	0	0.31	0	-0.2	0.1	0	0	6944	0
40	24	1984	0	0	0	0.05	0	0	-0.02	0	-0.1	0.1	0	0	6944	0
41	24	1984	0	0	0	0.18	0	0	-0.15	0	-0.1	0.1	0	0	6944.2	0
42	24	1984	2.79	0	5.82	-0.26	0	0	-2.77	0	5.7	0.1	0	0	6943.9	0
43	24	1984	0	0	7.66	-0.27	0	0	-7.4	0	7.6	0.1	0	0	6943.7	0
44	24	1984	0	0	20.94	-0.54	0	0	-20.41	0	20.9	0.1	0	0	6943.1	0
45	24	1984	27.69	0	52.56	-0.5	0.04	0	-24.33	0	32.9	0.1	19.48	0	6942.6	0
46	24	1984	2.54	0.03	13.14	-0.09	0	0	-10.54	0	13.0	0.1	0	0	6942.5	0
47	24	1984	0	0	9.65	0.17	0.17	0	-9.57	0	9.3	0.1	0	0	6942.7	0
48	24	1984	0	0	12.99	0.04	0.19	0	-12.78	0	12.7	0.1	0	0	6942.7	-0.01
49	24	1984	0.25	0	5.21	0.02	0.07	0	-5.9	0	6.0	0.1	0	0	6942.8	0
50	24	1984	3.81	0	0	1.19	0.1	0	0	0	2.5	0.1	0	0	6944	-0.01
51	24	1984	0.51	0	0	1.44	0.09	0	0	0	-1.0	0.1	0	0	6945.4	-0.02
52	24	1984	1.52	0	1.33	0.84	0	0	0	0	0.6	0.1	0	0	6946.2	-0.02
53	24	1984	0	0	0	1.28	0.2	0	0	0	-1.4	0.1	0	0	6947.5	-0.01
54	24	1984	0	0	0	0.79	0.41	0	0	0	-0.9	0.1	0	0	6948.3	0.01
55	24	1984	0	0	0	0.94	0.35	0	0	0	-1.0	0.1	0	0	6949.2	-0.01
56	24	1984	0.76	0	0	1.23	0	0	0	0	-0.6	0.1	0	0	6950.5	-0.02
57	24	1984	0	0	0	2.58	0	0	0	0	-2.7	0.1	0	0	6953.1	-0.01
58	24	1984	0	0	0	0.93	0	0	0	0	-1.0	0.1	0	0	6954	0
59	24	1984	14.99	0	0	0.22	0	0	14.9	0	-0.2	0.1	0	0	6954.2	0
60	24	1984	7.11	0	0	-0.22	0	0	7.41	0	-0.2	0.1	0	0	6954	-0.01
61	24	1984	8.64	0	0	-0.12	0	0	8.82	0	-0.2	0.1	0	0	6953.9	0
62	24	1984	6.86	0	0	-0.04	0	0	6.94	0	-0.1	0.1	0	0	6953.8	0
63	24	1984	1.78	0	0	-0.08	0	0	1.89	0	-0.1	0.1	0	0	6953.7	0
64	24	1984	0	0	0	0.08	0	0	-0.02	0	-0.2	0.1	0	0	6953.8	0
65	24	1984	5.84	0	0	0.13	0	0	5.75	0	-0.1	0.1	0	0	6954	0
66	24	1984	0.51	0	0	-0.07	0	0	0.58	0	-0.1	0.1	0	0	6953.9	0
67	24	1984	0.51	0	0	0.08	0	0	0.5	0	-0.2	0.1	0	0	6954	0
68	24	1984	0.51	0	0	0.13	0	0	0.49	0	-0.2	0.1	0	0	6954.1	0
69	24	1984	0	0	0	0.18	0	0	-0.07	0	-0.2	0.1	0	0	6954.3	0
70	24	1984	0.25	0	0	0.08	0	0	0.28	0	-0.2	0.1	0	0	6954.4	0
71	24	1984	3.05	0	0	0.44	0	0	2.68	0	-0.2	0.1	0	0	6954.8	0
72	24	1984	0.51	0	0	0.11	0	0	0.48	0	-0.2	0.1	0	0	6954.9	0
73	24	1984	2.54	0	0	0.08	0	0	2.52	0	-0.2	0.1	0	0	6955	0
74	24	1984	0	0	0	0.02	0	0	0.01	0	-0.2	0.1	0	0	6955	0
75	24	1984	0	0	0	0.06	0	0	-0.04	0	-0.2	0.1	0	0	6955.1	0
76	24	1984	4.06	0	9.22	-0.15	0.02	0	-5.02	0	-0.1	0.2	9.22	0	6954.9	0
77	24	1984	0	0	0	0.38	0	0	-0.33	0	-0.2	0.2	0	0	6955.3	0
78	24	1984	0	0	2.99	0.16	0	0	-3.11	0	-0.2	0.2	2.99	0	6955.5	0
79	24	1984	0.25	0	4	0.02	0	0	-3.75	0	-0.2	0.2	4	0	6955.5	0
80	24	1984	0	0	12.02	0.03	0.17	0	-11.89	0	-0.3	0.2	12.02	0	6955.5	0
81	24	1984	3.3	0	21.58	0	0.15	0	-18.12	0	-0.3	0.2	21.57	0	6955.5	0
82	24	1984	0.25	0	10.63	0.22	0.16	0	-10.87	0	3.6	0.2	7.13	0	6955.7	-0.01
83	24	1984	1.02	0	0.53	1.19	0	0	0	0	-0.4	0.2	0	0	6956.9	0
84	24	1984	0	0	0	1.37	0.17	0	0	0	-1.5	0.2	0	0	6958.3	-0.02
85	24	1984	0	0	0	1.71	0.25	0	0	0	-1.9	0.2	0	0	6960	0
86	24	1984	0	0	0	2.32	0	0	0	0	-2.5	0.2	0	0	6962.3	-0.01
87	24	1984	0	0	0	1.04	0.27	0	0	0	-1.2	0.2	0	0	6963.4	0
88	24	1984	0.25	0	0	1.82	0.28	0	0	0	-1.7	0.2	0	0	6965.2	-0.04
89	24	1984	18.54	0	2.79	0.27	0	0	15.62	0	2.4	0.2	0	0	6965.5	0
90	24	1984	2.03	0	4.48	0.35	0	0	-2.71	0	4.2	0.2	0	0	6965.8	0
91	24	1984	0	0	5.58	0.32	0.15	0	-5.7	0	5.2	0.2	0	0	6966.1	0
92	24	1984	0	0	6.91	0.55	0.29	0	-7.21	0	6.4	0.2	0	0	6966.7	0
93	24	1984	0	0	0	1.54	0.38	0	0	0	-1.8	0.2	0	0	6968.2	-0.01
94	24	1984	0	0	0	1.34	0.42	0	0	0	-1.6	0.2	0	0	6969.6	0
95	24	1984	2.79	0	0	2.69	0.23	0	0	0	-0.1	0.2	0	0	6972.3	-0.01
96	24	1984	13.46	0	0	1.63	0.15	0	0	0	11.6	0.3	0	0	6973.9	-0.02
97	24	1984	3.81	0	0	1.82	0.12	0	0	0	1.8	0.3	0	0	6975.7	-0.02
98	24	1984	0	0	0	2.47	0	0	0	0	-2.7	0.3	0	0	6978.2	-0.02
99	24	1984	0	0	0	2.46	0.39	0	0	0	-2.7	0.3	0	0	6980.6	-0.02
100	24	1984	0	0	0	2.67	0.53	0	0	0	-2.9	0.3	0	0	6983.3	0
101	24	1984	0	0	0	3.18	0.49	0	0	0	-3.4	0.3	0	0	6986.5	-0.01
102	24	1984	0	0	0	1.86	0.58	0	0	0	-2.1	0.3	0	0	6988.3	0
103	24	1984	0	0	0	3.48	0.86	0	0	0	-3.7	0.3	0	0	6991.8	-0.01
104	24	1984	2.29	0	0	2.53	0.33	0	0	0	-0.5	0.3	0	0	6994.3	-0.02
105	24	1984	0.76	0	0	2.4	0.37	0	0	0	-1.9	0.3	0	0	6996.7	-0.02
106	24	1984	12.45	0	0	3	0.23	0	0	0	9.2	0.3	0	0	6999.7	-0.02
107	24	1984	13.21	0	0	2.76	0.16	0	0	0	10.2	0.3	0	0	7002.5	-0.02
108	24	1984	0.25	0	0	3.44	0.63	0	0	0	-3.5	0.3	0	0	7005.9	-0.02
109	24	1984	0	0	0	1.66	0.48	0	0	0	-2.0	0.3	0	0	7007.6	-0.02
110	24	1984	5.33	0	0	1.7	0.14	0	0	0	3.3	0.3	0	0	7009.3	-0.02
111	24	1984	2.03	0	0	2.55	0.31	0	0	0	-0.8	0.3	0	0	7011.9	-0.05
112	24	1984	0	0	0	4.35	0.45	0	0	0	-4.7	0.3	0	0	7016.2	-0.03
113	24	1984	0	0	0	3.59	0.65	0	0	0	-3.9	0.3	0	0	7019.8	-0.01
114	24	1984	4.06	0	0	3.85	0.39	0	0	0	-0.1	0.3	0	0	7023.6	-0.01
115	24	1984	8.38	0	0	3.05	0.21	0	0	0	5.0	0.3	0	0	7026.7	0
116	24	1984	0.25	0	0	1.64	0.29	0	0	0	-1.7	0.3	0	0	7028.3	-0.03
117	24	1984	0	0	0	1.74	0.69	0	0	0	-2.1	0.4	0	0	7030.1	-0.02
118	24	1984	0	0	0	4.96	1.26	0	0	0	-5.3	0.4	0	0	7035	-0.02
119	24	1984	0.25	0	0	3	0.89	0	0	0	-3.1	0.4	0	0	7038	-0.01
120	24	1984	0	0	0	4.7	1.1	0	0	0	-5.1	0.4	0	0	7042.7	-0.02
121	24	1984	10.92	0	0	6.82	1.2	0	0	0	3.8	0.4	0	0	7049.6	-0.02
122	24	1984	0	0	0	4.81	0.65	0	0	0	-5.2	0.4	0	0	7054.4	-0.03
123	24	1984	0	0	0	2.95	0.52	0	0	0	-3.3	0.4	0	0	7057.3	-0.02
124	24	1984	6.6	0	0	3.96	0.58	0	0	0	2.3	0.4	0	0	7061.3	-0.01
125	24	1984	14.48	0	0	3.16	0.19	0	0	0	10.9	0.4	0	0	7064.4	-0.01
126	24	1984	0	0	0	2.23	0.59	0	0	0	-2.6	0.4	0	0	7066.7	-0.02
127	24	1984	0	0	0	1.58	0.66	0	0	0	-2.0	0.4	0	0	7068.2	-0.03
128	24	1984	0	0	0	4.56	1.18	0	0	0	-5.0	0.4	0	0	7072.8	-0.02
129	24	1984	5.33	0	0	4.65	0.52	0	0	0	0.3	0.4	0	0	7077.5	-0.02
130	24	1984	0.76	0	0	5.17	0.7	0	0	0	-4.8	0.4	0	0	7082.6	-0.03
131	24	1984	0	0	0	4.05	0.91	0	0	0	-4.5	0.4	0	0	7086.7	-0.01
132	24	1984	12.45	0	0	4.24	0.61	0	0	0	7.8	0.4	0	0	7090.9	-0.02
133	24	1984	13.46	0	0	3.64	0.7	0	0	0	9.4	0.4	0	0	7094.6	-0.02
134	24	1984	12.7	0	0	4.17	0.46	0	0	0	8.1	0.4	0	0	7098.7	-0.03
135	24	1984	0.51	0	0	4.62	0.75	0	0	0	-4.5	0.4	0	0	7103.3	-0.04
136	24	1984	0.25	0	0	4.28	0.73	0	0	0	-4.4	0.4	0	0	7107.6	-0.02
137	24	1984	0	0	0	2.91	0.54	0	0	0	-3.3	0.4	0	0	7110.5	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
138	24	1984	0	0	0	3.67	0.87	0	0	0	-4.1	0.4	0	0	7114.2	0
139	24	1984	0	0	0	3.66	0.88	0	0	0	-4.1	0.5	0	0	7117.9	-0.02
140	24	1984	0.25	0	0	4.77	1.45	0	0	0	-5.0	0.5	0	0	7122.6	0
141	24	1984	0.51	0	0	3.96	0.87	0	0	0	-3.9	0.5	0	0	7126.6	-0.01
142	24	1984	0	0	0	3.48	0.96	0	0	0	-3.9	0.5	0	0	7130.1	-0.03
143	24	1984	1.52	0	0	5.46	1.33	0	0	0	-4.4	0.5	0	0	7135.5	-0.02
144	24	1984	20.57	0	0	5.38	0.93	0	0	0	14.8	0.5	0	0	7140.9	-0.02
145	24	1984	0	0	0	5.68	1.28	0	0	0	-6.1	0.5	0	0	7146.6	-0.03
146	24	1984	0	0	0	6.45	1.8	0	0	0	-6.9	0.5	0	0	7153.1	-0.01
147	24	1984	1.52	0	0	3.6	0.86	0	0	0	-2.5	0.5	0	0	7156.7	-0.03
148	24	1984	0	0	0	3.09	0.89	0	0	0	-3.5	0.5	0	0	7159.8	-0.02
149	24	1984	21.59	0	0	2.5	0.18	0	0	0	18.6	0.5	0	0	7162.3	0
150	24	1984	13.46	0	0	4.63	0.6	0	0	0	8.4	0.5	0	0	7166.9	-0.01
151	24	1984	0.25	0	0	3.43	0.75	0	0	0	-3.6	0.5	0	0	7170.3	-0.01
152	24	1984	0	0	0	2.8	0.7	0	0	0	-3.2	0.5	0	0	7173.1	-0.02
153	24	1984	0	0	0	3.33	0.98	0	0	0	-3.8	0.5	0	0	7176.4	-0.02
154	24	1984	0	0	0	5.36	1.41	0	0	0	-5.8	0.5	0	0	7181.8	-0.03
155	24	1984	0.25	0	0	2.88	0.7	0	0	0	-3.1	0.5	0	0	7184.7	0
156	24	1984	0	0	0	5.51	1.61	0	0	0	-6.0	0.5	0	0	7190.2	-0.02
157	24	1984	0	0	0	2.85	1.32	0	0	0	-3.3	0.5	0	0	7193	-0.01
158	24	1984	4.83	0	0	4.15	1.15	0	0	0	0.2	0.5	0	0	7197.2	-0.02
159	24	1984	0	0	0	5.46	1.78	0	0	0	-5.9	0.5	0	0	7202.7	-0.03
160	24	1984	0	0	0	6.26	2.05	0	0	0	-6.7	0.5	0	0	7208.9	-0.03
161	24	1984	0	0	0	4.27	1.52	0	0	0	-4.7	0.5	0	0	7213.2	-0.01
162	24	1984	0	0	0	6.36	1.96	0	0	0	-6.8	0.5	0	0	7219.5	-0.03
163	24	1984	0	0	0	4.66	1.42	0	0	0	-5.1	0.5	0	0	7224.2	-0.03
164	24	1984	0	0	0	3.32	1.37	0	0	0	-3.8	0.5	0	0	7227.5	-0.03
165	24	1984	8.89	0	0	3.81	1.15	0	0	0	4.6	0.5	0	0	7231.3	-0.02
166	24	1984	11.43	0	0	5.07	0.97	0	0	0	6.0	0.5	0	0	7236.4	-0.04
167	24	1984	0	0	0	5.76	1.3	0	0	0	-6.2	0.5	0	0	7242.2	-0.03
168	24	1984	0	0	0	3.61	1.32	0	0	0	-4.1	0.5	0	0	7245.8	-0.02
169	24	1984	0	0	0	3.93	1.19	0	0	0	-4.4	0.5	0	0	7249.7	0
170	24	1984	4.06	0	0	4.85	1.17	0	0	0	-1.2	0.5	0	0	7254.6	-0.01
171	24	1984	0	0	0	4.82	1.35	0	0	0	-5.2	0.5	0	0	7259.4	-0.03
172	24	1984	0	0	0	4.43	1.29	0	0	0	-4.9	0.5	0	0	7263.8	-0.03
173	24	1984	0	0	0	4.93	1.62	0	0	0	-5.4	0.5	0	0	7268.7	-0.02
174	24	1984	0	0	0	3.74	2.17	0	0	0	-4.2	0.4	0	0	7272.5	-0.02
175	24	1984	0	0	0	2.52	2.56	0	0	0	-3.0	0.4	0	0	7275	-0.01
176	24	1984	14.73	0	0	4.84	0.91	0	0	0	9.5	0.4	0	0	7279.8	-0.01
177	24	1984	0	0	0	4.97	1.32	0	0	0	-5.4	0.4	0	0	7284.8	-0.03
178	24	1984	0	0	0	4.19	1.23	0	0	0	-4.6	0.4	0	0	7289	-0.03
179	24	1984	1.02	0	0	5.42	1.48	0	0	0	-4.8	0.4	0	0	7294.4	-0.02
180	24	1984	3.81	0	0	3.52	1	0	0	0	-0.1	0.4	0	0	7297.9	0
181	24	1984	2.29	0	0	3.83	0.89	0	0	0	-2.0	0.4	0	0	7301.8	-0.01
182	24	1984	0	0	0	4.04	1.66	0	0	0	-4.5	0.4	0	0	7305.8	-0.02
183	24	1984	0	0	0	1.52	1.43	0	0	0	-1.9	0.4	0	0	7307.3	-0.01
184	24	1984	0	0	0	2.36	2.1	0	0	0	-2.8	0.4	0	0	7309.7	-0.01
185	24	1984	0	0	0	2.2	2.09	0	0	0	-2.6	0.4	0	0	7311.9	-0.02
186	24	1984	25.15	0	0	5.51	1.53	0	0	0	19.2	0.4	0	0	7317.4	-0.02
187	24	1984	25.65	0	0	4.21	0.5	0	0	0	21.0	0.4	0	0	7321.6	-0.01
188	24	1984	4.83	0	0	4.5	0.99	0	0	0	-0.1	0.4	0	0	7326.1	-0.04
189	24	1984	0	0	0	3.7	1.06	0	0	0	-4.1	0.4	0	0	7329.8	-0.04
190	24	1984	0	0	0	5.07	1.35	0	0	0	-5.5	0.4	0	0	7334.9	-0.03
191	24	1984	0	0	0	4.08	1.38	0	0	0	-4.5	0.4	0	0	7339	-0.01
192	24	1984	0	0	0	3.11	1.17	0	0	0	-3.5	0.4	0	0	7342.1	-0.02
193	24	1984	9.4	0	0	5.65	1.18	0	0	0	3.4	0.4	0	0	7347.8	-0.02
194	24	1984	0	0	0	4.37	1.52	0	0	0	-4.7	0.4	0	0	7352.1	-0.03
195	24	1984	0	0	0	5.89	1.87	0	0	0	-6.3	0.4	0	0	7358	-0.03
196	24	1984	0	0	0	2.93	1.39	0	0	0	-3.3	0.4	0	0	7360.9	0
197	24	1984	0	0	0	3.66	1.49	0	0	0	-4.0	0.4	0	0	7364.6	-0.02
198	24	1984	0	0	0	5.84	1.71	0	0	0	-6.2	0.4	0	0	7370.4	-0.02
199	24	1984	0	0	0	4.86	1.96	0	0	0	-5.2	0.4	0	0	7375.3	-0.03
200	24	1984	6.86	0	0	4.89	1.05	0	0	0	1.6	0.4	0	0	7380.2	-0.01
201	24	1984	0	0	0	4.36	1.52	0	0	0	-4.7	0.4	0	0	7384.6	-0.03
202	24	1984	0	0	0	3.23	2.05	0	0	0	-3.6	0.4	0	0	7387.8	-0.01
203	24	1984	0	0	0	1.88	1.86	0	0	0	-2.2	0.4	0	0	7389.7	-0.01
204	24	1984	0	0	0	2.36	2.26	0	0	0	-2.7	0.4	0	0	7392	-0.01
205	24	1984	0	0	0	2.77	2.74	0	0	0	-3.1	0.4	0	0	7394.8	0
206	24	1984	0	0	0	2.49	2.4	0	0	0	-2.8	0.4	0	0	7397.3	0
207	24	1984	0	0	0	2.35	2.1	0	0	0	-2.7	0.4	0	0	7399.6	-0.01
208	24	1984	0.25	0	0	1.43	1.28	0	0	0	-1.5	0.4	0	0	7401.1	-0.01
209	24	1984	20.83	0	0	3.66	0.53	0	0	0	16.8	0.4	0	0	7404.7	0
210	24	1984	0	0	0	4.48	1.43	0	0	0	-4.8	0.4	0	0	7409.2	-0.01
211	24	1984	0	0	0	4.53	1.48	0	0	0	-4.9	0.4	0	0	7413.7	-0.02
212	24	1984	0	0	0	4.18	1.53	0	0	0	-4.5	0.3	0	0	7417.9	-0.02
213	24	1984	0	0	0	2.08	1.08	0	0	0	-2.4	0.3	0	0	7420	-0.01
214	24	1984	0	0	0	3.82	1.84	0	0	0	-4.2	0.3	0	0	7423.8	-0.01
215	24	1984	0	0	0	2.18	2.03	0	0	0	-2.5	0.3	0	0	7426	-0.01
216	24	1984	12.7	0	0	4.02	0.95	0	0	0	8.4	0.3	0	0	7430	0
217	24	1984	0	0	0	4.56	1.48	0	0	0	-4.9	0.3	0	0	7434.6	-0.01
218	24	1984	0	0	0	4.07	1.3	0	0	0	-4.4	0.3	0	0	7438.7	-0.02
219	24	1984	4.83	0	0	4.36	0.98	0	0	0	0.2	0.3	0	0	7443	-0.02
220	24	1984	8.38	0	0	3.01	0.69	0	0	0	5.1	0.3	0	0	7446	-0.02
221	24	1984	0	0	0	4	1.35	0	0	0	-4.3	0.3	0	0	7450	-0.02
222	24	1984	6.35	0	0	4.93	1.21	0	0	0	1.1	0.3	0	0	7455	-0.03
223	24	1984	6.1	0	0	4.47	0.93	0	0	0	1.3	0.3	0	0	7459.4	-0.02
224	24	1984	22.1	0	0	3.6	0.72	0	0	0	18.2	0.3	0	0	7463	-0.02
225	24	1984	19.05	0	0	4.53	0.97	0	0	0	14.2	0.3	0	0	7467.6	-0.02
226	24	1984	0	0	0	3.16	1.16	0	0	0	-3.5	0.3	0	0	7470.7	-0.02
227	24	1984	4.57	0	0	3.42	0.66	0	0	0	0.9	0.3	0	0	7474.1	-0.01
228	24	1984	0	0	0	3.68	1.31	0	0	0	-3.9	0.3	0	0	7477.8	-0.03
229	24	1984	3.3	0	0	4.52	0.99	0	0	0	-1.5	0.3	0	0	7482.3	-0.03
230	24	1984	0	0	0	4.55	1.29	0	0	0	-4.8	0.3	0	0	7486.9	-0.03
231	24	1984	0	0	0	4.07	1.42	0	0	0	-4.4	0.3	0	0	7491	-0.01
232	24	1984	1.78	0	0	2.59	0.43	0	0	0	-1.1	0.3	0	0	7493.5	-0.02
233	24	1984	0	0	0	3.49	1.13	0	0	0	-3.8	0.3	0	0	7497	-0.02
234	24	1984	0	0	0	2.84	1.22	0	0	0	-3.1	0.3	0	0	7499.9	0
235	24	1984	17.78	0	0	2.86	0.86	0	0	0	14.7	0.3	0	0	7502.7	-0.03
236	24	1984	3.81	0	0	3.82	0.69	0	0	0	-0.3	0.3	0	0	7506.6	-0.02
237	24	1984	0	0	0	2.34	0.9	0	0	0	-2.6	0.3	0	0	7508.9	-0.02
238	24	1984	0	0	0	2.47	1.12	0	0	0	-2.7	0.3	0	0	7511.4	-0.02
239	24	1984	0	0	0	3.07	1.29	0	0	0	-3.3	0.3	0	0	7514.4	-0.01
240	24	1984	0	0	0	2.82	1.27	0	0	0	-3.1	0.3	0	0	7517.3	-0.02
241	24	1984	3.05	0	0	2.42	0.56	0	0	0	0.4	0.3	0	0	7519.7	-0.03
242	24	1984	0.51	0	0	2.43	1.06	0	0	0	-2.2	0.3	0	0	7522.1	-0.03
243	24	1984	9.4	0	0	2.15	0.33	0	0	0	7.0	0.3	0	0	7524.3	-0.05
244	24	1984	7.62	0	0	3.36	0.73	0	0	0	4.0	0.3	0	0	7527.6	-0.03
245	24	1984	1.78	0	0	4.13	1.06	0	0	0	-2.6	0.3	0	0	7531.7	-0.03
246	24	1984	13.46	0	0	2.78	0.35	0	0	0	10.4	0.3	0	0	7534.5	-0.01
247	24	1984	4.83	0	0	3.02	0.49	0	0	0	1.6	0.3	0	0	7537.5	-0.02
248	24	1984	0.51	0	0	2.92	0.89	0	0	0	-2.6	0.3	0	0	7540.5	-0.03
249	24	1984	0	0	0	2.28	0.76	0	0	0	-2.5	0.3	0	0	7542.8	-0.02
250	24	1984	0.51	0	0	2.16	0.72	0	0	0	-1.9	0.3	0	0	7544.9	-0.02
251	24	1984	0	0	0	2.83	1.2	0	0	0	-3.1	0.3	0	0	7547.8	-0.01
252	24	1984	0	0	0	2.19	1.14	0	0	0	-2.4	0.3	0	0	7549.9	-0.02
253	24	1984	0	0	0	2.32	1.11	0	0	0	-2.5	0.3	0	0	7552.3	-0.02
254	24	1984	1.78	0	0	2.01	0.55	0	0	0	-0.5	0.2	0	0	7554.3	0
255	24	1984	12.19	0	0	3.12	0.49	0	0	0	8.9	0.2	0	0	7557.4	-0.02
256	24	1984	0	0	0	2.1	0.87	0	0	0	-2.3	0.2	0	0	7559.5	-0.01
257	24	1984	10.67	0	0	2.81	0.58	0	0	0	7.7	0.2	0	0	7562.3	-0.03
258	24	1984	0.76	0	0	3.09	0.85	0	0	0	-2.5	0.2	0	0	7565.4	-0.04
259	24	1984	1.27	0	0	2.61	0.41	0	0	0	-1.6	0.2	0	0	7568	-0.03
260	24	1984	1.02	0	0	2.59	0.67	0	0	0	-1.8	0.2	0	0	7570.6	-0.03
261	24	1984	0	0	0	2.56	1.09	0	0	0	-2.8	0.2	0	0	7573.1	-0.01
262	24	1984	0	0	0	3.27	1.34	0	0	0	-3.5	0.2	0	0	7576.4	-0.03
263	24	1984	0	0	0	2.84	1.16	0	0	0	-3.1	0.2	0	0	7579.3	-0.01
264	24	1984	1.02	0	0	3.44	1.36	0	0	0	-2.6	0.2	0	0	7582.7	-0.03
265	24	1984	0	0	0	2.3	0.92	0	0	0	-2.5	0.2	0	0	7585	-0.03
266	24	1984	0	0	0	2.12	1.06	0	0	0	-2.3	0.2	0	0	7587.1	-0.03
267	24	1984	3.3	0	0	2.8	0.75	0	0	0	0.3	0.2	0	0	7589.9	-0.02
268	24	1984	1.02	0	0	1.11	0.32	0	0	0	-0.3	0.2	0	0	7591	-0.02
269	24	1984	1.27	0	0	3.25	1.23	0	0	0	-2.2	0.2	0	0	7594.3	-0.04
270	24	1984	10.92	0	0	4.52	1.11	0	0	0	6.2	0.2	0	0	7598.8	-0.04
271	24	1984	0	0	0	1.4	0.49	0	0	0	-1.6	0.2	0	0	7600.2	-0.01
272	24	1984	0	0	0	2.21	0.91	0	0	0	-2.4	0.2	0	0	7602.4	-0.01
273	24	1984	0	0	0	2.12	0.91	0	0	0	-2.3	0.2	0	0	7604.5	-0.01
274	24	1984	0	0	0	2.17	0.92	0	0	0	-2.4	0.2	0	0	7606.7	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
275	24	1984	6.86	0.5	0	0.92	0.04	0	0	0	5.2	0.2	0	0	7607.6	0
276	24	1984	2.03	0	0	2.29	0.23	0	0	0	0.0	0.2	0	0	7609.9	-0.01
277	24	1984	3.56	0	0	2.76	0.57	0	0	0	0.6	0.2	0	0	7612.7	-0.01
278	24	1984	0	0	0	1.89	0.69	0	0	0	-2.1	0.2	0	0	7614.6	-0.02
279	24	1984	0	0	0	1.66	0.58	0	0	0	-1.8	0.2	0	0	7616.2	-0.02
280	24	1984	0	0	0	1.88	0.78	0	0	0	-2.1	0.2	0	0	7618.1	0
281	24	1984	0	0	0	2.05	1.06	0	0	0	-2.2	0.2	0	0	7620.2	-0.02
282	24	1984	0	0	0	1.56	0.84	0	0	0	-1.8	0.2	0	0	7621.7	-0.01
283	24	1984	0.25	0	0	0.71	0.31	0	0	0	-0.7	0.2	0	0	7622.4	0
284	24	1984	0	0	0	1.12	0.59	0	0	0	-1.3	0.2	0	0	7623.5	-0.04
285	24	1984	0	0	0	1.5	0.72	0	0	0	-1.7	0.2	0	0	7625	-0.01
286	24	1984	0	0	0	1.37	0.65	0	0	0	-1.6	0.2	0	0	7626.4	-0.01
287	24	1984	0	0	0	0.99	0.65	0	0	0	-1.2	0.2	0	0	7627.4	-0.02
288	24	1984	0	0	0	1.21	0.7	0	0	0	-1.4	0.2	0	0	7628.6	-0.02
289	24	1984	0.25	0	0	0.98	0.52	0	0	0	-0.9	0.2	0	0	7629.6	-0.02
290	24	1984	0	0	0	1.41	0.88	0	0	0	-1.6	0.2	0	0	7631	-0.03
291	24	1984	0	0	0	1.88	1.05	0	0	0	-2.1	0.2	0	0	7632.9	-0.02
292	24	1984	3.56	0.16	0	1.35	0.07	0	0	0	1.9	0.2	0	0	7634.2	0
293	24	1984	7.62	0	0	1.26	0	0	0	0	6.4	0.2	0	0	7635.5	-0.03
294	24	1984	0	0	0	1.79	0.8	0	0	0	-1.9	0.2	0	0	7637.3	-0.03
295	24	1984	0.76	0	0	2.1	0.92	0	0	0	-1.5	0.2	0	0	7639.4	-0.03
296	24	1984	5.08	0	0	1.91	0.33	0	0	0	3.0	0.2	0	0	7641.3	-0.02
297	24	1984	0	0	0	1.62	0.7	0	0	0	-1.8	0.2	0	0	7642.9	-0.01
298	24	1984	0	0	0	0.91	0.47	0	0	0	-1.1	0.2	0	0	7643.8	0
299	24	1984	4.06	0	0	2.01	0.3	0	0	0	1.9	0.2	0	0	7645.9	-0.02
300	24	1984	9.14	0.14	0	1.33	0.08	0	0	0	7.5	0.2	0	0	7647.2	0
301	24	1984	0	0	0	0.8	0.5	0	0	0	-0.8	0.2	0	0	7648	-0.02
302	24	1984	5.08	0	0	2.09	0.59	0	0	0	2.9	0.2	0	0	7650.1	-0.03
303	24	1984	1.27	0	0	2.14	0.65	0	0	0	-1.0	0.2	0	0	7652.2	-0.04
304	24	1984	0	0	0	1.3	0.71	0	0	0	-1.5	0.2	0	0	7653.5	-0.02
305	24	1984	0	0	0	1.61	0.8	0	0	0	-1.8	0.2	0	0	7655.1	-0.02
306	24	1984	0.76	0	0	2	0.79	0	0	0	-1.4	0.2	0	0	7657.1	-0.03
307	24	1984	2.03	0	0	2.77	0.68	0	0	0	-0.9	0.2	0	0	7659.9	-0.03
308	24	1984	0	0	0	1.32	0.47	0	0	0	-1.5	0.2	0	0	7661.2	-0.01
309	24	1984	16.76	0	0	1.55	0.15	0	0	0	15.1	0.2	0	0	7662.8	-0.01
310	24	1984	6.1	0.25	0	0.95	0.04	0	0	0	4.7	0.2	0	0	7663.7	0.01
311	24	1984	0	0	0	1.4	0.31	0	0	0	-1.3	0.2	0	0	7665.1	-0.02
312	24	1984	0	0	0	0.92	0.14	0	0	0	-1.1	0.2	0	0	7666	-0.01
313	24	1984	0	0	0	0.78	0.31	0	0	0	-0.9	0.2	0	0	7666.8	-0.01
314	24	1984	8.89	0	0	1.36	0.08	0	0	0	7.4	0.2	0	0	7668.2	-0.01
315	24	1984	8.89	0.37	0	0.72	0.02	0	0	0	7.7	0.2	0	0	7668.9	-0.01
316	24	1984	2.03	0.23	0	0.97	0	0	0	0	1.0	0.2	0	0	7669.9	-0.01
317	24	1984	2.03	0	0	1.63	0	0	0	0	0.5	0.2	0	0	7671.5	-0.01
318	24	1984	0.76	0	0.47	0.93	0	0	0	0	-0.3	0.2	0	0	7672.4	-0.02
319	24	1984	0	0	0	0.74	0.12	0	0	0	-0.9	0.2	0	0	7673.2	-0.01
320	24	1984	0	0	0	1.02	0.51	0	0	0	-1.2	0.2	0	0	7674.2	-0.01
321	24	1984	0.25	0	0	1.14	0.42	0	0	0	-1.0	0.2	0	0	7675.3	-0.01
322	24	1984	0	0	0	0.99	0	0	0	0	-1.1	0.2	0	0	7676.3	-0.02
323	24	1984	0.51	0	0	0.64	0	0	0	0	-0.3	0.2	0	0	7677	-0.02
324	24	1984	0.25	0	0.16	1.13	0	0	0	0	-1.2	0.2	0	0.16	7678.1	0
325	24	1984	1.52	0.13	0	0.77	0	0	1.22	0	-0.6	0.2	0	0	7678.9	-0.01
326	24	1984	0.51	0	0	0.41	0	0	0.53	0	-0.5	0.2	0	0	7679.3	0
327	24	1984	0	0	0	0.1	0	0	0.16	0	-0.4	0.2	0	0	7679.4	0
328	24	1984	0	0	0.73	0.23	0.13	0	-0.61	0	0.2	0.2	0	0	7679.6	0
329	24	1984	0	0	1.01	0.46	0.48	0	-1.3	0	0.7	0.2	0	0	7680.1	-0.01
330	24	1984	0	0	0	0.29	0.3	0	0	0	-0.4	0.2	0	0	7680.4	-0.01
331	24	1984	0	0	0	0.43	0.31	0	0	0	-0.6	0.2	0	0	7680.8	-0.01
332	24	1984	0	0	0	0.8	0.57	0	0	0	-0.9	0.2	0	0	7681.6	-0.02
333	24	1984	14.22	0	0	1.09	0.1	0	0	0	13.0	0.2	0	0	7682.7	-0.03
334	24	1984	17.27	0.44	0	1.02	0	0	0	0	15.7	0.2	0	0	7683.7	-0.01
335	24	1984	5.59	0.11	0	1.1	0	0	0	0	4.7	0.2	0	0	7684.8	0
336	24	1984	8.13	0.45	0	0.8	0	0	0	0	6.8	0.2	0	0	7685.6	0
337	24	1984	0	0	0	0.91	0	0	0	0	-0.6	0.2	0	0	7686.5	-0.02
338	24	1984	4.32	0.25	0.67	0.79	0	0	2.82	0	0.3	0.2	0	0	7687.3	0
339	24	1984	0.51	0	0	0.75	0	0	0.33	0	-0.5	0.1	0	0	7688	-0.01
340	24	1984	2.79	0	0	1.15	0	0	1.88	0	-0.4	0.1	0	0	7689.2	-0.01
341	24	1984	11.68	0.42	0	0.33	0	0	11.07	0	-0.3	0.1	0	0	7689.5	0
342	24	1984	6.6	0	0	0.78	0	0	6.36	0	-0.3	0.1	0	0	7690.3	-0.01
343	24	1984	0.25	0	0	0.17	0	0	0.13	0	-0.2	0.1	0	0	7690.5	0
344	24	1984	0	0	1.21	0.1	0.12	0	-1.18	0	0.9	0.1	0	0	7690.6	0
345	24	1984	0	0	2.63	0.2	0.21	0	-2.57	0	2.2	0.1	0	0	7690.8	0
346	24	1984	0	0	3.29	-0.02	0	0	-3.19	0	3.1	0.1	0	0	7690.8	0
347	24	1984	0.25	0	3.81	0.34	0.28	0	-3.53	0	3.3	0.1	0	0	7691.1	-0.01
348	24	1984	0.76	0	5.76	0.34	0.13	0	-5.12	0	5.4	0.1	0	0	7691.4	-0.01
349	24	1984	1.02	0	0.84	0.49	0	0	-0.18	0	0.6	0.1	0	0	7691.9	-0.01
350	24	1984	1.02	0	3.78	0.35	0.03	0	-3.03	0	3.6	0.1	0	0	7692.3	0.01
351	24	1984	0	0	2.95	0.25	0.3	0	-3.8	0	3.4	0.1	0	0	7692.5	-0.03
352	24	1984	0	0	0	0.59	0.46	0	0	0	-0.7	0.1	0	0	7693.1	-0.03
353	24	1984	0	0	0	0.3	0	0	0	0	-0.4	0.1	0	0	7693.4	-0.02
354	24	1984	8.13	0.39	0.14	0.57	0	0	7.19	0	-0.1	0.1	0	0	7694	-0.01
355	24	1984	0	0	0.1	0.47	0	0	-0.03	0	-0.2	0.1	0	0	7694.5	0
356	24	1984	17.02	0.1	0	0.56	0	0	16.5	0	-0.3	0.1	0	0	7695	-0.01
357	24	1984	4.06	0	7.11	0.51	0.04	0	-3.41	0	6.9	0.1	0	0	7695.5	0
358	24	1984	0	0	1.12	0.19	0	0	-1.23	0	0.9	0.1	0	0	7695.7	0
359	24	1984	0.76	0	4.56	0.9	0.54	0	-4.1	0	3.8	0.1	0	0	7696.6	0
360	24	1984	3.3	0	0.15	0.95	0	0	2.36	0	-0.1	0.1	0	0	7697.6	-0.01
361	24	1984	0.25	0	0	0.11	0	0	0.32	0	-0.3	0.1	0	0	7697.7	0
362	24	1984	0.51	0	0	0.23	0	0	0.44	0	-0.3	0.1	0	0	7697.9	0
363	24	1984	8.13	0	13.02	0.91	0.18	0	-5.58	0	12.7	0.1	0	0	7698.8	0.01
364	24	1984	29.97	0.36	40.62	0.25	0	0	-12.46	0	41.7	0.1	0	0	7699.1	-0.01
365	24	1984	0	0	0	0.92	0.22	0	0	0	-0.7	0.1	0	0	7700	-0.01
366	24	1984	1.78	0.12	0.58	0.71	0	0	0.59	0	0.2	0.1	0	0	7700.7	0
1	24	1985	18.03	0	0.49	1.22	0.21	0	-0.59	0	17.4	0.1	0	0	7701.9	-0.02
2	24	1985	0.51	0	0	0.71	0	0	0	0	-0.3	0.1	0	0	7702.6	-0.01
3	24	1985	0	0	0	1.09	0	0	0	0	-1.2	0.1	0	0	7703.7	0
4	24	1985	0	0	0	0.69	0	0	0	0	-0.8	0.1	0	0	7704.4	0
5	24	1985	1.27	0	0	0.98	0	0	0.82	0	-0.7	0.1	0	0	7705.4	-0.02
6	24	1985	1.27	0	0	0.54	0	0	0.97	0	-0.4	0.1	0	0	7705.9	0
7	24	1985	4.06	0.21	0	0.71	0	0	3.42	0	-0.4	0.1	0	0	7706.7	0
8	24	1985	1.27	0	0	0.75	0	0	1.02	0	-0.4	0.1	0	0	7707.4	-0.01
9	24	1985	1.02	0	0	0.37	0	0	0.96	0	-0.5	0.1	0	0	7707.8	-0.01
10	24	1985	0	0	0	0.06	0	0	0.19	0	-0.4	0.1	0	0	7707.8	0
11	24	1985	2.03	0.18	0	0.52	0	0	1.56	0	-0.4	0.1	0	0	7708.4	0
12	24	1985	3.05	0.03	0	0.76	0	0	2.57	0	-0.3	0.1	0	0	7709.1	0
13	24	1985	0.25	0	0	0.18	0	0	0.2	0	-0.2	0.1	0	0	7709.3	-0.01
14	24	1985	1.02	0	0	0.37	0	0	0.76	0	-0.2	0.1	0	0	7709.7	-0.01
15	24	1985	1.52	0	0	0.58	0	0	1.14	0	-0.3	0.1	0	0	7710.2	-0.01
16	24	1985	0.25	0	0	0.15	0	0	0.33	0	-0.4	0.2	0	0	7710.4	0
17	24	1985	3.81	0.15	0	0.63	0	0	3.14	0	-0.3	0.2	0	0	7711	0.01
18	24	1985	0.76	0	0	0.39	0	0	0.61	0	-0.2	0.2	0	0	7711.4	0
19	24	1985	0.51	0	0	0.27	0	0	0.35	0	-0.3	0.2	0	0	7711.7	-0.01
20	24	1985	5.08	0	0	0.75	0	0	4.47	0	-0.3	0.2	0	0	7712.4	0
21	24	1985	0.76	0	0	0.26	0	0	0.58	0	-0.2	0.2	0	0	7712.7	0
22	24	1985	6.1	0.02	0	0.48	0	0	5.64	0	-0.2	0.2	0	0	7713.2	0.01
23	24	1985	0.51	0	0	0.23	0	0	0.34	0	-0.2	0.2	0	0	7713.4	0
24	24	1985	0	0	0	0.17	0	0	-0.13	0	-0.2	0.2	0	0	7713.6	0
25	24	1985	1.02	0	0	0.47	0	0	0.6	0	-0.2	0.2	0	0	7714	-0.01
26	24	1985	4.06	0	0	0.69	0	0	3.44	0	-0.3	0.2	0	0	7714.7	-0.01
27	24	1985	0	0	0	0.19	0	0	-0.12	0	-0.3	0.2	0	0	7714.9	0
28	24	1985	1.78	0	0	0.55	0	0	1.28	0	-0.2	0.2	0	0	7715.5	0
29	24	1985	1.02	0	0	0.33	0	0	0.75	0	-0.3	0.2	0	0	7715.8	0
30	24	1985	0.51	0	0	0.22	0	0	0.37	0	-0.3	0.2	0	0	7716	-0.01
31	24	1985	1.78	0	0	0.49	0	0	1.38	0	-0.3	0.2	0	0	7716.5	0
32	24	1985	3.05	0.27	0	0.33	0	0	2.49	0	-0.3	0.2	0	0	7716.8	0.01
33	24	1985	1.02	0.05	0	0.46	0	0	0.85	0	-0.3	0.2	0	0	7717.3	0
34	24	1985	0	0	0	0.12	0	0	0.04	0	-0.3	0.2	0	0	7717.4	0
35	24	1985	0	0	0	0.13	0	0	-0.01	0	-0.4	0.2	0	0	7717.6	0
36	24	1985	0.76	0	0	0.32	0	0	0.56	0	-0.3	0.2	0	0	7717.9	-0.01
37	24	1985	2.79	0	0	0.52	0	0	2.36	0	-0.3	0.2	0	0	7718.4	0
38	24	1985	1.27	0	0	0.31	0	0	1.05	0	-0.3	0.2	0	0	7718.7	0
39	24	1985	4.06	0.02	0	0.34	0	0	3.76	0	-0.3	0.2	0	0	7719	0
40	24	1985	1.27	0	0	0.29	0	0	1.04	0	-0.3	0.3	0	0	7719.3	0
41	24	1985	0.76	0	0	0.17	0	0	0.63	0	-0.3	0.3	0	0	7719.5	0
42	24	1985	0	0	0	0.09	0	0	-0.06	0	-0.3	0.3	0	0	7719.6	0
43	24	1985	0	0	3.48	0.45	0.18	0	-3.77	0	-0.4	0.3	3.48	0	7720	0
44	24	1985	0.51	0	4.79	0.47	0.2	0	-4.58	0	-0.4	0.3	4.76	0	7720.5	-0.01
45	24	1985	1.02	0	0	0.64	0	0	0.41	0	-0.3	0.3	0	0	7721.1	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
46	24	1985	0	0	0	0.35	0	0	-0.27	0	-0.3	0.3	0	0	7721.5	-0.01
47	24	1985	0	0	0	0.44	0	0	-0.37	0	-0.3	0.3	0	0	7721.9	0
48	24	1985	0.25	0	0.59	0.64	0	0	-0.97	0	-0.3	0.3	0.58	0	7722.6	0
49	24	1985	1.27	0	2.29	0.79	0	0	-1.81	0	-0.3	0.3	2.29	0	7723.3	0
50	24	1985	0.51	0	0.75	0.77	0	0	-0.98	0	-0.3	0.3	0.74	0	7724.1	-0.01
51	24	1985	0	0	1.06	0.12	0	0	-1.14	0	-0.3	0.3	1.06	0	7724.2	0
52	24	1985	0	0	2.31	0.58	0.47	0	-2.41	0	-0.8	0.3	2.31	0	7724.8	0
53	24	1985	4.06	0	11.93	1.16	0.43	0	-8.62	0	-0.7	0.3	11.93	0	7726	0
54	24	1985	10.67	0.24	21.39	0.61	0.05	0	-11.55	0	0.2	0.3	20.93	0	7726.6	0
55	24	1985	2.54	0	15.15	1	0.2	0	-13.3	0	1.8	0.3	13.06	0	7727.6	-0.03
56	24	1985	0.25	0	0	0.82	0.48	0	0	0	-0.8	0.3	0	0	7728.4	-0.01
57	24	1985	0	0	0	1.09	0.71	0	0	0	-1.4	0.3	0	0	7729.5	0
58	24	1985	3.3	0	1.77	1.4	0	0	0.73	0	0.9	0.3	0	0	7730.9	-0.01
59	24	1985	0	0	0.65	0.55	0	0	-0.73	0	-0.1	0.3	0	0	7731.4	0
60	24	1985	0	0	0	2.19	1.42	0	0	0	-2.5	0.3	0	0	7733.6	-0.01
61	24	1985	0	0	0	1.49	0.62	0	0	0	-1.8	0.3	0	0	7735.1	0
62	24	1985	0	0	0	1.55	0	0	0	0	-1.8	0.3	0	0	7736.7	0
63	24	1985	19.05	0	0	1.66	0	0	18.13	0	-1.0	0.3	0	0	7738.3	0
64	24	1985	2.54	0	2.32	1.04	0.2	0	-0.61	0	-0.5	0.3	2.31	0	7739.4	0
65	24	1985	0	0	0	0.32	0	0	-0.19	0	-0.4	0.3	0	0	7739.7	-0.01
66	24	1985	0	0	1.85	0.18	0	0	-1.93	0	-0.4	0.3	1.85	0	7739.9	0
67	24	1985	2.03	0	8.52	0.95	0.38	0	-7.07	0	-0.7	0.3	8.52	0	7740.8	0
68	24	1985	0	0	4.12	0.47	0.38	0	-4.17	0	-0.7	0.3	4.12	0	7741.3	0
69	24	1985	0	0	3.94	0.64	0.63	0	-4.15	0	-0.4	0.3	3.66	0	7741.9	0
70	24	1985	2.03	0	0	1.43	0.66	0	0	0	-0.3	0.3	0.55	0	7743.4	0.01
71	24	1985	12.45	0	0	1.65	0.25	0	0	0	10.5	0.3	0	0	7745	-0.01
72	24	1985	1.02	0	0	1.37	0.28	0	0	0	-0.6	0.3	0	0	7746.4	-0.02
73	24	1985	1.52	0	0	1.43	0.22	0	0	0	-0.2	0.3	0	0	7747.8	-0.01
74	24	1985	0.25	0	0.15	1.43	0	0	0	0	-1.5	0.3	0	0	7749.2	-0.01
75	24	1985	0	0	0	0.94	0.24	0	0	0	-1.2	0.3	0	0	7750.2	0
76	24	1985	1.02	0	0	1.22	0.28	0	0	0	-0.5	0.3	0	0	7751.4	-0.01
77	24	1985	0	0	0	2.1	0	0	0	0	-2.4	0.3	0	0	7753.5	0
78	24	1985	0	0	0	1.02	0.55	0	0	0	-1.3	0.3	0	0	7754.5	0
79	24	1985	0	0	0	1.32	0.85	0	0	0	-1.6	0.3	0	0	7755.8	0
80	24	1985	0	0	0	1.71	0	0	0	0	-2.0	0.3	0	0	7757.5	0.01
81	24	1985	0	0	0	1.48	0.79	0	0	0	-1.8	0.3	0	0	7759	0
82	24	1985	0	0	0	1.37	0.86	0	0	0	-1.7	0.3	0	0	7760.4	0
83	24	1985	0	0	0	2.25	0.8	0	0	0	-2.6	0.3	0	0	7762.6	0
84	24	1985	0	0	0	1.69	0	0	0	0	-2.0	0.3	0	0	7764.3	-0.01
85	24	1985	0	0	0	1.96	0.81	0	0	0	-2.3	0.3	0	0	7766.3	0
86	24	1985	2.54	0	0	2.14	0.77	0	0	0	0.1	0.3	0	0	7768.4	-0.02
87	24	1985	8.89	0	0	2.07	0.35	0	0	0	6.5	0.3	0	0	7770.5	-0.03
88	24	1985	0.25	0	0	2.68	1.06	0	0	0	-2.7	0.3	0	0	7773.2	-0.03
89	24	1985	0	0	0	2.37	0.53	0	0	0	-2.7	0.3	0	0	7775.6	-0.03
90	24	1985	12.7	0	0	2.89	0	0	0	0	9.5	0.3	0	0	7778.5	-0.03
91	24	1985	2.03	0	0	2.55	0.3	0	0	0	-0.8	0.3	0	0	7781	0
92	24	1985	1.52	0	0	2.05	0	0	0	0	-0.8	0.3	0	0	7783.1	-0.04
93	24	1985	4.06	0	1.9	1.89	0	0	0	0	1.9	0.3	0	0	7785	-0.03
94	24	1985	2.29	0	0	1.84	0.3	0	0	0	0.1	0.3	0	0	7786.8	0
95	24	1985	0	0	0	2.31	1.54	0	0	0	-2.6	0.3	0	0	7789.1	-0.01
96	24	1985	2.54	0	0	3.92	1.08	0	0	0	-1.7	0.3	0	0	7793	-0.04
97	24	1985	0	0	0	2.85	0.99	0	0	0	-3.1	0.3	0	0	7795.9	-0.02
98	24	1985	0.25	0	0	1.61	0.27	0	0	0	-1.7	0.3	0	0	7797.5	-0.01
99	24	1985	0	0	0	1.48	0	0	0	0	-1.8	0.3	0	0	7799	0
100	24	1985	0	0	0	1.62	0.36	0	0	0	-1.9	0.3	0	0	7800.6	-0.01
101	24	1985	1.78	0	0	2.25	0.55	0	0	0	-0.8	0.3	0	0	7802.8	0
102	24	1985	0	0	0	2.45	1.02	0	0	0	-2.8	0.3	0	0	7805.3	-0.01
103	24	1985	0	0	0	2.62	1.15	0	0	0	-2.9	0.3	0	0	7807.9	-0.01
104	24	1985	0.51	0	0	3.65	1.48	0	0	0	-3.4	0.3	0	0	7811.5	-0.03
105	24	1985	0	0	0	1.95	1.28	0	0	0	-2.3	0.3	0	0	7813.5	0
106	24	1985	0	0	0	2.39	1.3	0	0	0	-2.7	0.3	0	0	7815.9	-0.02
107	24	1985	0	0	0	2.8	0.41	0	0	0	-3.1	0.3	0	0	7818.7	-0.01
108	24	1985	2.03	0	0	3.2	0.6	0	0	0	-1.5	0.3	0	0	7821.9	0
109	24	1985	11.43	0	0	2.63	0.29	0	0	0	8.5	0.3	0	0	7824.5	0
110	24	1985	0.25	0	0	1.2	0.61	0	0	0	-1.3	0.3	0	0	7825.7	-0.01
111	24	1985	0	0	0	1.72	1.29	0	0	0	-2.1	0.3	0	0	7827.4	0
112	24	1985	0	0	0	2.79	1.79	0	0	0	-3.1	0.3	0	0	7830.2	-0.02
113	24	1985	0	0	0	4.12	2.2	0	0	0	-4.4	0.3	0	0	7834.3	-0.03
114	24	1985	0	0	0	5.12	2.15	0	0	0	-5.4	0.3	0	0	7839.5	-0.03
115	24	1985	1.02	0	0	3.46	0.94	0	0	0	-2.8	0.4	0	0	7842.9	-0.02
116	24	1985	0	0	0	3.14	1.16	0	0	0	-3.5	0.4	0	0	7846.1	-0.03
117	24	1985	0	0	0	4.3	1.47	0	0	0	-4.6	0.4	0	0	7850.4	-0.02
118	24	1985	1.27	0	0	3.51	0.78	0	0	0	-2.6	0.4	0	0	7853.9	0
119	24	1985	0	0	0	2.36	1.1	0	0	0	-2.7	0.4	0	0	7856.2	-0.02
120	24	1985	0	0	0	4.07	2.15	0	0	0	-4.4	0.4	0	0	7860.3	0
121	24	1985	0	0	0	2.67	1.25	0	0	0	-3.0	0.4	0	0	7863	-0.02
122	24	1985	0	0	0	3.13	1.48	0	0	0	-3.5	0.4	0	0	7866.1	0.01
123	24	1985	0	0	0	4.13	1.72	0	0	0	-4.5	0.4	0	0	7870.2	-0.01
124	24	1985	0.25	0	0	4.47	1.84	0	0	0	-4.5	0.4	0	0	7874.7	-0.03
125	24	1985	3.05	0	0	3.28	0.84	0	0	0	-0.6	0.4	0	0	7878	0.01
126	24	1985	11.94	0	0	2.33	0.24	0	0	0	9.3	0.4	0	0	7880.3	-0.01
127	24	1985	0.25	0	0	4.57	1.59	0	0	0	-4.6	0.4	0	0	7884.9	-0.04
128	24	1985	0	0	0	2.95	1.04	0	0	0	-3.3	0.4	0	0	7887.8	-0.02
129	24	1985	0	0	0	5.17	2.39	0	0	0	-5.5	0.4	0	0	7893	-0.02
130	24	1985	0	0	0	6.77	3.2	0	0	0	-7.1	0.4	0	0	7899.8	-0.01
131	24	1985	0	0	0	5.1	2.51	0	0	0	-5.4	0.4	0	0	7904.9	-0.02
132	24	1985	14.22	0	0	5.33	1.84	0	0	0	8.6	0.4	0	0	7910.2	-0.01
133	24	1985	0	0	0	5.39	2.27	0	0	0	-5.7	0.4	0	0	7915.6	-0.02
134	24	1985	0	0	0	3.59	1.58	0	0	0	-3.9	0.4	0	0	7919.2	-0.02
135	24	1985	0	0	0	4.39	1.99	0	0	0	-4.7	0.4	0	0	7923.6	-0.01
136	24	1985	6.1	0	0	2.55	0.45	0	0	0	3.2	0.4	0	0	7926.1	-0.01
137	24	1985	0	0	0	3.67	1.65	0	0	0	-4.0	0.4	0	0	7929.8	-0.03
138	24	1985	2.54	0	0	4.64	1.21	0	0	0	-2.4	0.4	0	0	7934.4	-0.02
139	24	1985	0.76	0	0	3.68	1.3	0	0	0	-3.3	0.4	0	0	7938.1	-0.01
140	24	1985	0.51	0	0	3.8	1.98	0	0	0	-3.6	0.4	0	0	7941.9	-0.02
141	24	1985	4.32	0	0	2.83	0.69	0	0	0	1.2	0.3	0	0	7944.7	-0.02
142	24	1985	0	0	0	2.88	1.44	0	0	0	-3.2	0.3	0	0	7947.6	-0.01
143	24	1985	0	0	0	2.74	1.48	0	0	0	-3.1	0.3	0	0	7950.4	0.01
144	24	1985	0	0	0	3.25	1.76	0	0	0	-3.6	0.3	0	0	7953.6	-0.01
145	24	1985	0	0	0	3.64	2.45	0	0	0	-4.0	0.3	0	0	7957.3	0
146	24	1985	1.52	0	0	2.51	1.25	0	0	0	-1.3	0.3	0	0	7959.8	-0.01
147	24	1985	5.84	0	0	3.87	0.86	0	0	0	1.6	0.3	0	0	7963.6	0
148	24	1985	2.54	0	0	4.88	0.98	0	0	0	-2.7	0.3	0	0	7968.5	-0.02
149	24	1985	0	0	0	3.5	1.62	0	0	0	-3.8	0.3	0	0	7972	-0.01
150	24	1985	0	0	0	1.61	1.65	0	0	0	-1.9	0.3	0	0	7973.6	0
151	24	1985	32.26	0	0	2.96	1.13	0	0	0	29.0	0.3	0	0	7976.6	0
152	24	1985	0	0	0	4.94	1.74	0	0	0	-5.2	0.3	0	0	7981.5	-0.03
153	24	1985	8.38	0	0	5.64	1.86	0	0	0	2.4	0.3	0	0	7987.2	-0.01
154	24	1985	0	0	0	5.91	2.22	0	0	0	-6.2	0.3	0	0	7993.1	-0.01
155	24	1985	0	0	0	5.34	2.18	0	0	0	-5.7	0.3	0	0	7998.4	-0.01
156	24	1985	2.54	0	0	2.78	0.62	0	0	0	-0.6	0.3	0	0	8001.2	0
157	24	1985	0	0	0	2.89	1.25	0	0	0	-3.2	0.3	0	0	8004.1	-0.02
158	24	1985	0	0	0	2.86	1.59	0	0	0	-3.2	0.3	0	0	8007	0
159	24	1985	2.54	0	0	4.63	1.48	0	0	0	-2.4	0.3	0	0	8011.6	0
160	24	1985	2.54	0	0	5.98	1.76	0	0	0	-3.8	0.3	0	0	8017.6	-0.01
161	24	1985	0	0	0	5.48	2.48	0	0	0	-5.8	0.3	0	0	8023.1	-0.02
162	24	1985	1.02	0	0	2.41	1.41	0	0	0	-1.7	0.3	0	0	8025.5	-0.02
163	24	1985	24.89	0	0	1.84	0.23	0	0	0	22.8	0.3	0	0	8027.3	0
164	24	1985	5.08	0	0	3.48	0.61	0	0	0	1.3	0.3	0	0	8030.8	-0.02
165	24	1985	0	0	0	5.25	1.9	0	0	0	-5.5	0.3	0	0	8036	-0.02
166	24	1985	0	0	0	3.51	1.85	0	0	0	-3.8	0.3	0	0	8039.5	-0.01
167	24	1985	4.06	0	0	4.73	1.38	0	0	0	-1.0	0.3	0	0	8044.3	-0.01
168	24	1985	2.54	0	0	5.57	1.56	0	0	0	-3.3	0.3	0	0	8049.8	-0.01
169	24	1985	1.02	0	0	6.23	2.39	0	0	0	-5.5	0.3	0	0	8056.1	-0.03
170	24	1985	0	0	0	4.29	1.88	0	0	0	-4.6	0.3	0	0	8060.4	-0.03
171	24	1985	3.56	0	0	4.7	1.22	0	0	0	-1.4	0.3	0	0	8065.1	-0.02
172	24	1985	0	0	0	4.91	2.1	0	0	0	-5.2	0.3	0	0	8070	-0.01
173	24	1985	2.29	0	0	4.56	2.02	0	0	0	-2.6	0.3	0	0	8074.5	-0.01
174	24	1985	0	0	0	3.24	2.8	0	0	0	-3.5	0.3	0	0	8077.8	-0.01
175	24	1985	1.52	0	0	3.1	1.61	0	0	0	-1.9	0.3	0	0	8080.9	-0.01
176	24	1985	0	0	0	1.88	1.68	0	0	0	-2.2	0.3	0	0	8082.8	-0.01
177	24	1985	0	0	0	1.19	1.23	0	0	0	-1.5	0.3	0	0	8083.9	-0.01
178	24	1985	0	0	0	1.22	1.18	0	0	0	-1.5	0.3	0	0	8085.2	-0.01
179	24	1985	2.03	0	0	2.36	0.61	0	0	0	-0.6	0.3	0	0	8087.5	-0.01
180	24	1985	7.11	0	0	4.01	0.6	0	0	0	2.8	0.3	0	0	8091.5	0
181	24	1985	0	0	0	3.83	0.96	0	0	0	-4.1	0.3	0	0	8095.4	-0.02
182	24	1985	1.27	0	0	3.24	0.92	0	0	0	-2.2	0.3	0	0	8098.6	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
183	24	1985	0	0	0	0.93	0.88	0	0	0	-1.2	0.3	0	0	8099.5	0
184	24	1985	0	0	0	0.81	0.8	0	0	0	-1.1	0.3	0	0	8100.3	-0.01
185	24	1985	0	0	0	1.25	1.02	0	0	0	-1.5	0.3	0	0	8101.6	-0.01
186	24	1985	0	0	0	0.79	0.85	0	0	0	-1.1	0.3	0	0	8102.4	-0.01
187	24	1985	6.6	0	0	4.58	0.51	0	0	0	1.8	0.3	0	0	8107	0.01
188	24	1985	1.52	0	0	3.36	0.3	0	0	0	-2.1	0.3	0	0	8110.3	-0.02
189	24	1985	0	0	0	1.75	0.68	0	0	0	-2.0	0.3	0	0	8112.1	-0.01
190	24	1985	0.51	0	0	1.13	0.69	0	0	0	-0.9	0.3	0	0	8113.2	0
191	24	1985	2.29	0	0	2.51	0.41	0	0	0	-0.5	0.3	0	0	8115.7	-0.01
192	24	1985	0	0	0	1.05	0.6	0	0	0	-1.3	0.3	0	0	8116.8	-0.02
193	24	1985	0.76	0	0	0.73	0.34	0	0	0	-0.2	0.3	0	0	8117.5	-0.01
194	24	1985	0	0	0	1	0.63	0	0	0	-1.2	0.2	0	0	8118.5	-0.01
195	24	1985	6.86	0	0	2.31	0.27	0	0	0	4.3	0.2	0	0	8120.8	0
196	24	1985	20.32	0	0	5.28	1.44	0	0	0	14.8	0.2	0	0	8126.1	-0.01
197	24	1985	0	0	0	5.19	2.07	0	0	0	-5.4	0.2	0	0	8131.3	-0.03
198	24	1985	0	0	0	4.34	1.89	0	0	0	-4.6	0.2	0	0	8135.6	-0.01
199	24	1985	0	0	0	3.35	1.54	0	0	0	-3.6	0.2	0	0	8139	0
200	24	1985	2.54	0	0	4.34	1.18	0	0	0	-2.0	0.2	0	0	8143.3	-0.02
201	24	1985	0	0	0	2.75	1.03	0	0	0	-3.0	0.2	0	0	8146.1	-0.02
202	24	1985	0	0	0	2.54	1.12	0	0	0	-2.8	0.2	0	0	8148.6	-0.02
203	24	1985	0	0	0	1.4	1.16	0	0	0	-1.6	0.2	0	0	8150	-0.01
204	24	1985	0	0	0	1.1	0.96	0	0	0	-1.3	0.2	0	0	8151.1	-0.01
205	24	1985	0	0	0	1.07	0.91	0	0	0	-1.3	0.2	0	0	8152.2	-0.01
206	24	1985	0	0	0	0.78	0.95	0	0	0	-1.0	0.2	0	0	8153	0.01
207	24	1985	11.94	0	0	2.83	0.91	0	0	0	8.9	0.2	0	0	8155.8	-0.01
208	24	1985	0	0	0	2.73	1.06	0	0	0	-2.9	0.2	0	0	8158.5	-0.03
209	24	1985	0	0	0	3.08	0.72	0	0	0	-3.3	0.2	0	0	8161.6	-0.01
210	24	1985	0	0	0	2.66	0.72	0	0	0	-2.9	0.2	0	0	8164.3	-0.01
211	24	1985	0	0	0	1.61	0.5	0	0	0	-1.8	0.2	0	0	8165.9	-0.02
212	24	1985	15.24	0	0	2.36	0.23	0	0	0	12.7	0.2	0	0	8168.2	-0.02
213	24	1985	0	0	0	2.95	1.55	0	0	0	-3.1	0.2	0	0	8171.2	-0.03
214	24	1985	0	0	0	3.78	1.49	0	0	0	-4.0	0.2	0	0	8175	-0.01
215	24	1985	0	0	0	3.3	1.2	0	0	0	-3.5	0.2	0	0	8178.3	-0.01
216	24	1985	0	0	0	3.17	1.12	0	0	0	-3.4	0.2	0	0	8181.4	-0.02
217	24	1985	0	0	0	2.37	1.17	0	0	0	-2.6	0.2	0	0	8183.8	-0.02
218	24	1985	0	0	0	0.99	0.97	0	0	0	-1.2	0.2	0	0	8184.8	-0.01
219	24	1985	1.27	0	0	1.39	0.51	0	0	0	-0.3	0.2	0	0	8186.2	0
220	24	1985	0	0	0	1.03	0.72	0	0	0	-1.2	0.2	0	0	8187.2	-0.01
221	24	1985	0	0	0	1.01	0.81	0	0	0	-1.2	0.2	0	0	8188.2	-0.01
222	24	1985	0	0	0	0.63	0.65	0	0	0	-0.8	0.2	0	0	8188.9	-0.01
223	24	1985	0	0	0	0.34	0.5	0	0	0	-0.5	0.2	0	0	8189.2	-0.01
224	24	1985	0	0	0	0.83	0.54	0	0	0	-1.0	0.2	0	0	8190	-0.01
225	24	1985	4.32	0	0	3.37	0.42	0	0	0	0.8	0.2	0	0	8193.4	-0.01
226	24	1985	0	0	0	1.59	0.57	0	0	0	-1.8	0.2	0	0	8195	0
227	24	1985	7.87	0	0	3.22	0.59	0	0	0	4.5	0.2	0	0	8198.2	-0.02
228	24	1985	0	0	0	2.58	0.48	0	0	0	-2.7	0.2	0	0	8200.8	-0.02
229	24	1985	0	0	0	2.64	0.55	0	0	0	-2.8	0.2	0	0	8203.4	-0.03
230	24	1985	0	0	0	1.45	0.52	0	0	0	-1.6	0.2	0	0	8204.9	-0.03
231	24	1985	0	0	0	0.54	0.55	0	0	0	-0.7	0.2	0	0	8205.4	-0.01
232	24	1985	0	0	0	0.55	0.44	0	0	0	-0.7	0.2	0	0	8206	-0.02
233	24	1985	0	0	0	0.36	0.39	0	0	0	-0.5	0.2	0	0	8206.3	-0.01
234	24	1985	0.76	0	0	1.2	0.37	0	0	0	-0.6	0.2	0	0	8207.5	-0.02
235	24	1985	0	0	0	0.36	0.36	0	0	0	-0.5	0.2	0	0	8207.9	-0.02
236	24	1985	4.83	0	0	2.46	0.12	0	0	0	2.2	0.2	0	0	8210.4	-0.01
237	24	1985	15.24	0	0	5	1.64	0	0	0	10.1	0.2	0	0	8215.4	0
238	24	1985	0	0	0	3.72	2.44	0	0	0	-3.9	0.2	0	0	8219.1	-0.02
239	24	1985	0	0	0	2.24	1.17	0	0	0	-2.4	0.2	0	0	8221.3	-0.02
240	24	1985	0.76	0	0	2.81	0.82	0	0	0	-2.2	0.2	0	0	8224.1	-0.01
241	24	1985	0.25	0	0	2.39	0.65	0	0	0	-2.3	0.2	0	0	8226.5	-0.03
242	24	1985	1.27	0	0	2.65	0.54	0	0	0	-1.5	0.2	0	0	8229.2	-0.02
243	24	1985	0	0	0	1.76	0.53	0	0	0	-1.9	0.2	0	0	8230.9	-0.03
244	24	1985	0	0	0	1.24	0.65	0	0	0	-1.4	0.2	0	0	8232.2	-0.03
245	24	1985	1.02	0	0	1.54	0.59	0	0	0	-0.7	0.2	0	0	8233.7	-0.02
246	24	1985	0	0	0	1.06	0.74	0	0	0	-1.2	0.2	0	0	8234.8	-0.04
247	24	1985	1.52	0	0	1.31	0.43	0	0	0	0.0	0.2	0	0	8236.1	0
248	24	1985	22.61	0	0	3.2	0.51	0	0	0	19.3	0.2	0	0	8239.3	-0.01
249	24	1985	11.18	0	0	4.12	1.25	0	0	0	6.9	0.2	0	0	8243.4	-0.04
250	24	1985	0	0	0	2.67	2.33	0	0	0	-2.8	0.2	0	0	8246.1	-0.06
251	24	1985	0.25	0	0	3.6	2.47	0	0	0	-3.5	0.2	0	0	8249.7	-0.06
252	24	1985	4.06	0	0	3.89	0.72	0	0	0	0.1	0.2	0	0	8253.6	-0.06
253	24	1985	4.32	0.11	0	3.37	0.14	0	0	0	0.7	0.2	0	0	8256.9	-0.03
254	24	1985	0.25	0	0	3.49	2.07	0	0	0	-3.3	0.2	0	0	8260.4	-0.03
255	24	1985	1.78	0	0	2.93	0.87	0	0	0	-1.3	0.2	0	0	8263.4	-0.02
256	24	1985	0	0	0	2.82	1.98	0	0	0	-2.9	0.2	0	0	8266.2	-0.04
257	24	1985	0	0	0	3.17	2.32	0	0	0	-3.3	0.2	0	0	8269.3	-0.02
258	24	1985	0	0	0	1.92	1.51	0	0	0	-2.1	0.2	0	0	8271.3	-0.03
259	24	1985	0	0	0	1.9	1.48	0	0	0	-2.0	0.2	0	0	8273.2	-0.04
260	24	1985	0	0	0	2.65	2.01	0	0	0	-2.8	0.2	0	0	8275.8	-0.04
261	24	1985	0	0	0	1.88	1.45	0	0	0	-2.0	0.2	0	0	8277.7	-0.04
262	24	1985	0	0	0	1.39	1.1	0	0	0	-1.5	0.2	0	0	8279.1	-0.04
263	24	1985	0	0	0	1.2	0.9	0	0	0	-1.3	0.2	0	0	8280.3	-0.03
264	24	1985	0	0	0	1.27	0.68	0	0	0	-1.4	0.2	0	0	8281.5	-0.07
265	24	1985	0	0	0	0.95	0.62	0	0	0	-1.1	0.2	0	0	8282.5	-0.04
266	24	1985	0	0	0	0.98	0.64	0	0	0	-1.1	0.2	0	0	8283.5	-0.03
267	24	1985	2.29	0	0	2.69	0.31	0	0	0	-0.5	0.2	0	0	8286.2	-0.06
268	24	1985	0	0	0	1.13	0.53	0	0	0	-1.2	0.2	0	0	8287.3	-0.05
269	24	1985	0.51	0	0	1.39	0.52	0	0	0	-1.0	0.2	0	0	8288.7	-0.03
270	24	1985	48.77	0.85	0	2.44	0.04	0	0	0	45.4	0.2	0	0	8291.1	-0.03
271	24	1985	0	0	0	3.11	1.7	0	0	0	-2.4	0.2	0	0	8294.2	-0.05
272	24	1985	0	0	0	1.79	1.47	0	0	0	-1.9	0.2	0	0	8296	-0.05
273	24	1985	0	0	0	2.47	2.16	0	0	0	-2.6	0.2	0	0	8298.5	-0.03
274	24	1985	10.16	0.48	0	2.95	0.29	0	0	0	6.6	0.1	0	0	8301.4	0
275	24	1985	1.27	0	0	2.7	0.66	0	0	0	-1.1	0.1	0	0	8304.1	-0.03
276	24	1985	0	0	0	1.52	1.12	0	0	0	-1.6	0.1	0	0	8305.7	-0.06
277	24	1985	0	0	0	1.4	1.33	0	0	0	-1.6	0.1	0	0	8307.1	0.02
278	24	1985	3.05	0	0	3.78	1.04	0	0	0	-0.8	0.1	0	0	8310.8	-0.04
279	24	1985	0	0	0	3.04	2.18	0	0	0	-3.1	0.1	0	0	8313.9	-0.06
280	24	1985	0	0	0	2.97	2.31	0	0	0	-3.1	0.1	0	0	8316.8	-0.02
281	24	1985	0	0	0	3.26	2.9	0	0	0	-3.4	0.1	0	0	8320.1	-0.01
282	24	1985	0.25	0	0	2.25	1.94	0	0	0	-2.1	0.1	0	0	8322.4	-0.02
283	24	1985	7.62	0	0	4.03	1.01	0	0	0	3.5	0.1	0	0	8326.4	-0.03
284	24	1985	0	0	0	2.6	1.81	0	0	0	-2.7	0.1	0	0	8329	-0.04
285	24	1985	4.32	0.13	0	2.98	0.12	0	0	0	1.1	0.1	0	0	8332	-0.02
286	24	1985	7.11	0.71	0	1.93	0	0	0	0	4.5	0.1	0	0	8333.9	0
287	24	1985	1.78	0.88	0	1.18	0	0	0	0	0.3	0.1	0	0	8335.1	-0.02
288	24	1985	28.45	0	0	2.84	0	0	0	0	26.4	0.1	0	0	8337.9	-0.03
289	24	1985	1.78	0	0	2.56	0.5	0	0	0	-0.9	0.1	0	0	8340.5	-0.03
290	24	1985	0.51	0	0	1.75	0.93	0	0	0	-1.3	0.1	0	0	8342.2	-0.04
291	24	1985	0.76	0	0	2.76	1.93	0	0	0	-2.1	0.1	0	0	8345	-0.03
292	24	1985	13.21	0.47	0	2.29	0.16	0	0	0	10.4	0.1	0	0	8347.3	-0.02
293	24	1985	0	0	0	1.99	0.94	0	0	0	-1.6	0.1	0	0	8349.3	-0.02
294	24	1985	0	0	0	1.65	1.17	0	0	0	-1.7	0.1	0	0	8350.9	-0.04
295	24	1985	0	0	0	2.1	1.84	0	0	0	-2.2	0.1	0	0	8353	-0.02
296	24	1985	0	0	0	1.69	1.52	0	0	0	-1.8	0.1	0	0	8354.7	-0.02
297	24	1985	4.83	0	0	3.23	0.8	0	0	0	1.5	0.1	0	0	8357.9	0
298	24	1985	1.02	0	0	3.07	1.79	0	0	0	-2.1	0.1	0	0	8361	-0.04
299	24	1985	0	0	0	1.88	1.37	0	0	0	-2.0	0.1	0	0	8362.9	-0.03
300	24	1985	0	0	0	2.13	1.66	0	0	0	-2.2	0.1	0	0	8365	-0.02
301	24	1985	0	0	0	1.63	0.81	0	0	0	-1.7	0.1	0	0	8366.7	-0.03
302	24	1985	0	0	0	1.27	0.86	0	0	0	-1.4	0.1	0	0	8367.9	-0.01
303	24	1985	0	0	0	0.76	0.49	0	0	0	-0.9	0.1	0	0	8368.7	0
304	24	1985	0	0	0	1.84	1.52	0	0	0	-2.0	0.1	0	0	8370.5	-0.01
305	24	1985	0	0	0	1.84	1.49	0	0	0	-1.9	0.1	0	0	8372.4	-0.01
306	24	1985	0	0	0	1.46	1.12	0	0	0	-1.6	0.1	0	0	8373.8	-0.01
307	24	1985	1.78	0	0	2.24	0.94	0	0	0	-0.6	0.1	0	0	8376.1	0.01
308	24	1985	11.43	0.53	0	1.79	0.1	0	0	0	9.0	0.1	0	0	8377.9	0.02
309	24	1985	17.02	0.96	0	1.18	0	0	0	0	15.3	0.1	0	0	8379	-0.01
310	24	1985	1.27	1.02	0	1	0	0	0	0	0.1	0.1	0	0	8380	-0.01
311	24	1985	3.81	0.09	0	2.15	0	0	0	0	2.5	0.1	0	0	8382.2	-0.01
312	24	1985	2.79	0	0	2.43	0.12	0	0	0	0.4	0.1	0	0	8384.6	-0.02
313	24	1985	10.67	1.15	0	1.1	0.06	0	0	0	8.3	0.1	0	0	8385.7	-0.01
314	24	1985	12.7	1	0	1.14	0	0	0	0	11.6	0.1	0	0	8386.9	-0.01
315	24	1985	2.29	1.4	0	1.07	0	0	0	0	0.7	0.1	0	0	8387.9	0
316	24	1985	10.41	0.64	0	1.38	0	0	0	0	9.7	0.1	0	0	8389.3	0
317	24	1985	4.83	0.83	0	1.11	0	0	0	0	3.4	0.1	0	0	8390.4	-0.01
318	24	1985	13.97	1.16	0	1.17	0	0	0	0	12.4	0.1	0	0	8391.6	-0.01
319	24	1985	0	0	0	1.7	0	0	0	0	-0.7	0.1	0	0	8393.3	-0.01

Honeywell
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DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
320	24	1985	11.94	0.38	0.15	1.64	0	0	10.04	0	-0.2	0.1	0	0	8394.9	0
321	24	1985	0.25	0	7.36	0.74	0.22	0	-7.07	0	6.9	0.1	0	0	8395.7	0
322	24	1985	0	0	2.63	0.74	0.74	0	-2.96	0	2.1	0.1	0	0	8396.4	-0.01
323	24	1985	0	0	0	1.32	1.32	0	0	0	-1.4	0.1	0	0	8397.7	-0.04
324	24	1985	0	0	0	1.67	1.45	0	0	0	-1.7	0.1	0	0	8399.4	-0.08
325	24	1985	0	0	0	0.87	0	0	0	0	-1.0	0.1	0	0	8400.3	-0.02
326	24	1985	5.08	1.02	2.27	0.97	0	0	1.12	0	1.9	0.1	0	0	8401.3	0
327	24	1985	2.29	0.64	0.72	1.43	0	0	-1.12	0	2.3	0.1	0	0	8402.7	0
328	24	1985	0	0	0	1.52	0.53	0	0	0	-1.0	0.1	0	0	8404.2	-0.02
329	24	1985	0	0	0	0.49	0	0	0	0	-0.6	0.1	0	0	8404.7	-0.02
330	24	1985	8.13	1.29	1.1	0.59	0	0	5.33	0	0.8	0.1	0	0	8405.3	0.01
331	24	1985	0.51	0.8	1.87	0.8	0	0	-1.52	0	1.6	0.1	0	0	8406.1	0
332	24	1985	9.91	1.12	1.35	0.56	0	0	7.86	0	1.1	0.1	0	0	8406.6	-0.01
333	24	1985	0.25	0.95	2.67	0.32	0	0	-2.41	0	2.4	0.1	0	0	8407	0
334	24	1985	0.25	0.3	2.07	0.79	0	0	-1.81	0	1.8	0.1	0	0	8407.8	0
335	24	1985	2.29	0	5.38	1.7	0.07	0	-4.29	0	5.1	0.1	0	0	8409.5	-0.01
336	24	1985	3.3	0	4.11	2.3	0.34	0	-3.15	0	4.1	0.1	0	0	8411.8	-0.03
337	24	1985	0.76	0	0.31	1.93	0	0	0	0	-1.6	0.1	0	0.31	8413.7	-0.02
338	24	1985	0	0	0	0.25	0	0	0	0	-0.4	0.1	0	0.31	8413.9	0.01
339	24	1985	0.25	0	0.41	0.39	0	0	0	0	-0.3	0.1	0	0.41	8414.3	0
340	24	1985	1.52	0.39	0	0.68	0	0	1.1	0	-0.3	0.1	0	0	8415	-0.01
341	24	1985	0.51	0.25	0	0.49	0	0	0.33	0	-0.3	0.1	0	0	8415.5	0
342	24	1985	0	0	0.08	0.24	0	0	-0.03	0	-0.2	0.1	0.08	0	8415.7	0
343	24	1985	1.78	0.8	1.06	0.25	0	0	-0.33	0	-0.1	0.1	1.06	0	8416	0
344	24	1985	2.54	1.36	0.35	0.39	0	0	1.35	0	-0.2	0.1	0.34	0	8416.4	0
345	24	1985	8.13	1.52	8.62	0.2	0	0	-0.76	0	0.0	0.1	8.43	0	8416.6	0
346	24	1985	3.05	1.31	0.32	0.44	0	0	2.58	0	0.1	0.1	0.09	0	8417	0
347	24	1985	7.62	1.3	8.11	0.4	0	0	-0.74	0	0.5	0.1	7.43	0	8417.4	0
348	24	1985	2.03	0.43	0	1.49	0	0	1.75	0	-0.4	0.1	0	0	8418.9	0
349	24	1985	0	0	0	0.61	0	0	0.07	0	-0.4	0.1	0	0	8419.5	0
350	24	1985	0.51	0	0	0.37	0	0	0.28	0	-0.2	0.1	0	0	8419.9	0
351	24	1985	0.25	0	0	0.33	0	0	0.13	0	-0.3	0.1	0	0	8420.2	0
352	24	1985	1.52	0	0	1.06	0	0	0.71	0	-0.3	0.1	0	0	8421.3	-0.01
353	24	1985	0	0	0	0.15	0	0	0.09	0	-0.4	0.1	0	0	8421.4	0
354	24	1985	0.25	0	0	0.24	0	0	0.26	0	-0.4	0.1	0	0	8421.7	0
355	24	1985	2.29	0.7	0	0.6	0	0	1.17	0	-0.3	0.1	0	0	8422.3	0
356	24	1985	2.79	0.46	0	1.31	0	0	1.9	0	-0.3	0.1	0	0	8423.6	0
357	24	1985	0.76	0.04	0	0.83	0	0	0.39	0	-0.1	0.1	0	0	8424.4	0
358	24	1985	2.03	0.21	0.08	0.94	0	0	0.9	0	-0.1	0.1	0.08	0	8425.3	0
359	24	1985	0.51	0	0	0.58	0	0	0.35	0	-0.3	0.1	0	0	8425.9	0
360	24	1985	0	0	0	0.2	0	0	0.03	0	-0.3	0.1	0	0	8426.1	0
361	24	1985	0.51	0	0	0.36	0	0	0.27	0	-0.2	0.1	0	0	8426.5	0
362	24	1985	0	0	0	0.18	0	0	-0.02	0	-0.3	0.1	0	0	8426.6	0
363	24	1985	0	0	0	0.12	0	0	-0.01	0	-0.2	0.1	0	0	8426.8	0
364	24	1985	0.25	0	0	0.22	0	0	0.15	0	-0.2	0.1	0	0	8427	0.01
365	24	1985	0.25	0	0.12	0.2	0	0	-0.04	0	-0.1	0.1	0.12	0	8427.2	0
1	24	1986	1.52	0	0	0.94	0	0	0.66	0	-0.2	0.1	0	0	8428.1	-0.01
2	24	1986	0	0	0.18	0.04	0	0	-0.16	0	-0.2	0.1	0.18	0	8428.2	0
3	24	1986	1.78	0.1	0	0.87	0	0	0.9	0	-0.2	0.1	0	0	8429	0
4	24	1986	0	0	0	0.16	0	0	0.07	0	-0.2	0.1	0	0	8429.2	0
5	24	1986	0.51	0	0	0.3	0	0	0.26	0	-0.2	0.1	0	0	8429.5	0
6	24	1986	5.08	0.45	0	1.02	0	0	3.72	0	-0.2	0.1	0	0	8430.5	-0.01
7	24	1986	2.03	1.03	0	0.41	0	0	1.15	0	-0.2	0.1	0	0	8430.9	0
8	24	1986	0.25	0.55	0	0.61	0	0	0.23	0	-0.2	0.1	0	0	8431.5	0
9	24	1986	0	0	0	0.57	0	0	0.04	0	-0.2	0.1	0	0	8432.1	0
10	24	1986	1.02	0	0	0.55	0	0	0.51	0	-0.1	0.1	0	0	8432.7	-0.01
11	24	1986	0	0	0.1	0.03	0	0	-0.09	0	-0.1	0.1	0.1	0	8432.7	0
12	24	1986	0	0	0.82	0.75	0.74	0	-0.86	0	-0.7	0.1	0.75	0	8433.4	0
13	24	1986	1.27	0	0	0.75	0	0	0.65	0	-0.2	0.1	0	0	8434.2	-0.01
14	24	1986	0	0	0	0.12	0	0	0.04	0	-0.3	0.1	0	0	8434.3	0
15	24	1986	0	0	0	0.13	0	0	0	0	-0.2	0.1	0	0	8434.4	0
16	24	1986	0	0	0	0.03	0	0	0.05	0	-0.2	0.1	0	0	8434.5	0
17	24	1986	0	0	0.18	0.62	0.64	0	-0.16	0	-0.8	0.1	0.18	0	8435.1	0.01
18	24	1986	0	0	1.71	0.59	0.63	0	-1.75	0	-0.7	0.1	1.7	0	8435.7	0.02
19	24	1986	2.03	0.63	4.31	0.43	0.03	0	-3.35	0	-0.1	0.1	4.26	0	8436.1	0
20	24	1986	30.99	0.95	33.81	0.44	0	0	-3.59	0	-0.1	0.1	33.76	0	8436.5	-0.01
21	24	1986	0	0	0.7	0.98	0	0	-0.69	0	-0.1	0.1	0.66	0	8437.5	0
22	24	1986	0	0	1.76	0.71	0.64	0	-1.79	0	-0.3	0.1	1.33	0	8438.2	-0.03
23	24	1986	0	0	0	0.49	0	0	-0.34	0	-0.2	0.1	0	0	8438.7	-0.01
24	24	1986	0	0	0	0.24	0	0	-0.15	0	-0.2	0.1	0	0	8438.9	-0.01
25	24	1986	1.02	0	0	0.68	0	0	0.39	0	-0.2	0.1	0	0	8439.6	0
26	24	1986	3.56	0.8	1.14	0.66	0	0	0.99	0	-0.2	0.1	1.14	0	8440.3	0
27	24	1986	7.87	0.22	0	1.13	0	0	7.43	0	-0.2	0.1	0	0	8441.4	0
28	24	1986	0.25	0	0	0.36	0	0	0.18	0	-0.2	0.1	0	0	8441.8	0
29	24	1986	0.25	0	0	0.16	0	0	0.16	0	-0.2	0.1	0	0	8441.9	0
30	24	1986	0	0	0	0.04	0	0	0.03	0	-0.2	0.1	0	0	8442	0
31	24	1986	1.78	0	0	0.87	0	0	0.96	0	-0.2	0.1	0	0	8442.9	0
32	24	1986	6.6	0	0	1.2	0	0	5.46	0	-0.2	0.1	0	0	8444.1	-0.01
33	24	1986	1.02	0	0.01	0.42	0	0	0.55	0	-0.1	0.1	0	0	8444.5	0.01
34	24	1986	0	0	0.01	0.02	0	0	-0.03	0	-0.1	0.1	0	0	8444.5	0
35	24	1986	7.11	0.15	0	1.06	0	0	5.93	0	-0.1	0.1	0	0	8445.6	0
36	24	1986	2.03	0.49	0.01	0.53	0	0	1.15	0	-0.1	0.1	0	0	8446.1	0
37	24	1986	0	0	0	0.57	0	0	-0.02	0	-0.2	0.1	0	0	8446.7	0
38	24	1986	2.03	0	0	0.96	0	0	1.13	0	-0.2	0.1	0	0	8447.6	-0.01
39	24	1986	0	0	0	0.04	0	0	-0.01	0	-0.2	0.1	0	0	8447.7	0
40	24	1986	0.51	0	0	0.22	0	0	0.32	0	-0.2	0.1	0	0	8447.9	0
41	24	1986	1.02	0	0	0.49	0	0	0.58	0	-0.2	0.1	0	0	8448.4	-0.01
42	24	1986	0	0	0	0.09	0	0	-0.03	0	-0.2	0.1	0	0	8448.5	0
43	24	1986	0.25	0	0	0.2	0	0	0.12	0	-0.2	0.1	0	0	8448.7	0
44	24	1986	3.05	0.05	0	1.03	0	0	2.03	0	-0.2	0.1	0	0	8449.7	0
45	24	1986	2.54	0.03	0	1.05	0	0	1.56	0	-0.2	0.1	0	0	8450.7	0
46	24	1986	0.51	0	0	0.27	0	0	0.3	0	-0.1	0.1	0	0	8451	0
47	24	1986	0	0	0	0.09	0	0	-0.06	0	-0.2	0.1	0	0	8451.1	0
48	24	1986	3.3	0	0.01	1.01	0	0	2.29	0	-0.1	0.1	0	0	8452.1	0.01
49	24	1986	0.25	0	0.58	0.07	0	0	-0.43	0	0.5	0.1	0	0	8452.2	0.01
50	24	1986	7.37	0	8.24	1.22	0.14	0	-1.98	0	0.1	0.1	7.87	0	8453.4	0
51	24	1986	0.25	0	3.3	0.43	0.33	0	-3.13	0	-0.3	0.1	3.12	0	8453.8	-0.02
52	24	1986	13.72	0	0.46	0.96	0	0	12.31	0	-0.1	0.1	0.46	0	8454.8	-0.01
53	24	1986	0	0	0	0.09	0	0	-0.06	0	-0.1	0.1	0	0	8454.9	-0.01
54	24	1986	3.81	0.03	0	1.01	0	0	2.79	0	-0.1	0.1	0	0	8455.9	0
55	24	1986	0.76	0	0	0.36	0	0	0.45	0	-0.1	0.1	0	0	8456.3	-0.01
56	24	1986	0.51	0	0	0.3	0	0	0.24	0	-0.1	0.1	0	0	8456.6	0
57	24	1986	0	0	0	0.11	0	0	-0.08	0	-0.2	0.1	0	0	8456.7	0
58	24	1986	0.25	0	0	0.21	0	0	0.07	0	-0.2	0.1	0	0	8456.9	0
59	24	1986	0.76	0	0	0.4	0	0	0.38	0	-0.1	0.1	0	0	8457.3	0
60	24	1986	0	0	0	0.25	0	0	-0.23	0	-0.1	0.1	0	0	8457.5	0
61	24	1986	0	0	0	0.11	0	0	-0.11	0	-0.1	0.1	0	0	8457.6	0
62	24	1986	0	0	0.34	0.38	0.38	0	-0.35	0	-0.5	0.1	0.34	0	8458	0
63	24	1986	0.25	0	0.48	0.31	0.22	0	-0.33	0	-0.2	0.1	0.35	0	8458.3	0
64	24	1986	0.25	0	1.63	0.09	0	0	-1.48	0	0.1	0.1	1.47	0	8458.4	0
65	24	1986	2.29	0	1.61	0.96	0	0	-0.28	0	0.0	0.1	1.5	0	8459.4	-0.02
66	24	1986	2.79	0	0	1.28	0	0	1.55	0	-0.1	0.1	0	0	8460.7	-0.01
67	24	1986	0.76	0	0	0.42	0	0	0.37	0	-0.1	0.1	0	0	8461.1	-0.01
68	24	1986	6.1	0.25	0	0.72	0	0	5.12	0	-0.1	0.1	0	0	8461.8	0.01
69	24	1986	0.76	0	0.69	1.55	1.07	0	-0.18	0	-1.0	0.1	0.55	0	8463.4	0
70	24	1986	0.25	0	6.53	1.23	1.2	0	-6.29	0	-0.2	0.1	5.43	0	8464.6	-0.02
71	24	1986	0	0	4.06	0.13	0	0	-4.17	0	0.1	0.1	3.81	0	8464.7	-0.01
72	24	1986	16	0.08	18.78	1.01	0	0	-3.9	0	0.2	0.1	18.46	0	8465.7	0.03
73	24	1986	10.41	0	14.01	1.26	0.02	0	-4.74	0	0.5	0.1	13.4	0	8467	0
74	24	1986	16	0	24.41	1.54	0.38	0	-9.56	0	0.2	0.1	23.74	0	8468.5	0
75	24	1986	0	0	11.09	0	0	0	-11.05	0	0.0	0.1	10.95	0	8468.5	-0.01
76	24	1986	0	0	10.94	0.72	0.71	0	-10.91	0	-0.1	0.1	10.22	0	8469.3	-0.01
77	24	1986	0	0	2.66	1.11	1.05	0	-2.65	0	-0.9	0.1	2.37	0	8470.4	-0.01
78	24	1986	2.79	0	0	3.24	1.33	0	0	0	-0.9	0.1	0.39	0	8473.6	-0.02
79	24	1986	0.51	0	0.28	1.91	0	0	0	0	-1.8	0.1	0	0.28	8475.5	-0.02
80	24	1986	0	0	0	0.97	0	0	0	0	-1.1	0.1	0	0.28	8476.5	-0.01
81	24	1986	0	0	0	0.62	0.37	0	0	0	-0.5	0.1	0	0	8477.1	0
82	24	1986	0	0	0	1.57	1.24	0	0	0	-1.7	0.1	0	0	8478.7	0
83	24	1986	0.51	0	0	2.27	0.91	0	0	0	-1.9	0.1	0	0	8480.9	-0.02
84	24	1986	0	0	0	2.21	1.91	0	0	0	-2.3	0.1	0	0	8483.2	0
85	24	1986	1.27	0	0	3.5	2.52	0	0	0	-2.3	0.1	0	0	8486.7	0
86	24	1986	10.16	0	0	2.03	0.33	0	0	0	8.0	0.1	0	0	8488.7	-0.01
87	24	1986	0	0	0	2.49	1.47	0	0	0	-2.6	0.1	0	0	8491.2	-0.03
88	24	1986	0	0	0	4.29	3.26	0	0	0	-4.4	0.1	0	0	8495.5	-0.01
89	24	1986	0.51	0	0	4.33	3.01	0	0	0	-3.9	0.1	0	0	8499.8	-0.04
90	24	1986	0	0	0	2.02	1.22	0	0	0	-2.1	0.1	0	0	8501.8	-0.02
91	24	1986	0.25	0	0	4.09	2.89	0	0	0	-3.9	0.1	0	0	8505.9	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
92	24	1986	0.25	0	0	2.07	0.94	0	0	0	-1.9	0.1	0	0	8508	-0.02
93	24	1986	0	0	0	1.93	1.09	0	0	0	-2.0	0.1	0	0	8509.9	-0.01
94	24	1986	7.11	0	0	1.7	0.03	0	0	0	5.3	0.1	0	0	8511.6	0
95	24	1986	14.22	0	0	2.14	0.3	0	0	0	12.0	0.1	0	0	8513.7	-0.02
96	24	1986	12.19	0	0	1.76	0.09	0	0	0	10.4	0.1	0	0	8515.5	-0.03
97	24	1986	0	0	0	1.62	1.02	0	0	0	-1.7	0.1	0	0	8517.1	-0.01
98	24	1986	3.05	0	0	2.71	0.66	0	0	0	0.2	0.1	0	0	8519.8	-0.02
99	24	1986	2.03	0	0	3.09	0.41	0	0	0	-1.1	0.1	0	0	8522.9	-0.03
100	24	1986	2.54	0	0	2.71	0	0	0	0	-0.2	0.1	0	0	8525.6	-0.04
101	24	1986	0.25	0	0	1.81	0	0	0	0	-1.7	0.1	0	0	8527.5	0
102	24	1986	0	0	0	1.9	0.72	0	0	0	-2.0	0.1	0	0	8529.3	-0.02
103	24	1986	0	0	0	3.05	1.35	0	0	0	-3.1	0.1	0	0	8532.4	-0.02
104	24	1986	0	0	0	3.02	1.53	0	0	0	-3.1	0.1	0	0	8535.4	-0.01
105	24	1986	23.37	0	0	2.67	0.66	0	0	0	20.6	0.1	0	0	8538.1	-0.01
106	24	1986	17.27	0	0	2.23	0.2	0	0	0	14.9	0.1	0	0	8540.3	0
107	24	1986	1.02	0	0	2.15	1.14	0	0	0	-1.2	0.1	0	0	8542.5	-0.04
108	24	1986	0	0	0	3.49	1.78	0	0	0	-3.6	0.1	0	0	8546	0
109	24	1986	0	0	0	3.77	1.95	0	0	0	-3.9	0.1	0	0	8549.7	-0.01
110	24	1986	1.78	0	0	3.93	1.4	0	0	0	-2.2	0.1	0	0	8553.7	-0.01
111	24	1986	0.76	0	0	4.37	1.38	0	0	0	-3.7	0.1	0	0	8558	-0.04
112	24	1986	0	0	0	2.18	0	0	0	0	-2.3	0.1	0	0	8560.2	-0.02
113	24	1986	0	0	0	2.52	1	0	0	0	-2.6	0.1	0	0	8562.7	-0.01
114	24	1986	0	0	0	2.52	1.35	0	0	0	-2.6	0.1	0	0	8565.2	-0.01
115	24	1986	0	0	0	4.69	2.28	0	0	0	-4.8	0.1	0	0	8569.9	-0.01
116	24	1986	0	0	0	4.52	2.22	0	0	0	-4.6	0.1	0	0	8574.5	0
117	24	1986	0	0	0	3.78	1.86	0	0	0	-3.9	0.1	0	0	8578.2	-0.01
118	24	1986	0	0	0	2.46	1.8	0	0	0	-2.6	0.1	0	0	8580.7	-0.02
119	24	1986	0.76	0	0	2.82	1.27	0	0	0	-2.1	0.1	0	0	8583.5	-0.02
120	24	1986	0	0	0	2.91	1.58	0	0	0	-3.0	0.1	0	0	8586.4	-0.01
121	24	1986	1.78	0	0	5.93	2.24	0	0	0	-4.2	0.1	0	0	8592.4	-0.02
122	24	1986	0	0	0	4.3	0.98	0	0	0	-4.4	0.1	0	0	8596.7	-0.03
123	24	1986	0	0	0	3.07	0.85	0	0	0	-3.2	0.1	0	0	8599.7	-0.02
124	24	1986	0	0	0	4.24	1.66	0	0	0	-4.3	0.1	0	0	8604	-0.01
125	24	1986	0	0	0	3.17	2.46	0	0	0	-3.3	0.1	0	0	8607.1	0.01
126	24	1986	0.25	0	0	4.17	2.45	0	0	0	-4.0	0.1	0	0	8611.3	0
127	24	1986	0	0	0	5.61	2.69	0	0	0	-5.7	0.1	0	0	8616.9	-0.05
128	24	1986	0	0	0	4.28	1.67	0	0	0	-4.4	0.1	0	0	8621.2	-0.03
129	24	1986	0	0	0	4.77	2.47	0	0	0	-4.9	0.1	0	0	8626	-0.01
130	24	1986	0	0	0	3.93	2.62	0	0	0	-4.0	0.1	0	0	8629.9	-0.01
131	24	1986	0	0	0	3.23	2.98	0	0	0	-3.3	0.1	0	0	8633.1	-0.01
132	24	1986	0	0	0	3.12	3.04	0	0	0	-3.2	0.1	0	0	8636.3	-0.01
133	24	1986	0	0	0	3.28	3.23	0	0	0	-3.4	0.1	0	0	8639.5	-0.01
134	24	1986	0	0	0	3.36	3.24	0	0	0	-3.5	0.1	0	0	8642.9	-0.01
135	24	1986	0	0	0	2.55	2.68	0	0	0	-2.7	0.1	0	0	8645.4	0
136	24	1986	10.67	0	0	5.03	1.79	0	0	0	5.5	0.1	0	0	8650.5	0
137	24	1986	1.27	0	0	4.97	1.78	0	0	0	-3.8	0.1	0	0	8655.4	-0.02
138	24	1986	6.35	0	0	3.59	1.32	0	0	0	2.7	0.1	0	0	8659	-0.03
139	24	1986	20.32	0	0	3.32	0.98	0	0	0	16.9	0.1	0	0	8662.4	-0.05
140	24	1986	9.91	0	0	3.38	0.79	0	0	0	6.5	0.1	0	0	8665.7	-0.04
141	24	1986	16	0	0	3.06	0.31	0	0	0	12.9	0.1	0	0	8668.8	-0.02
142	24	1986	0.25	0	0	3.05	1.51	0	0	0	-2.9	0.1	0	0	8671.8	-0.02
143	24	1986	0.51	0	0	3.68	2.1	0	0	0	-3.3	0.1	0	0	8675.5	-0.02
144	24	1986	0	0	0	2.61	1.74	0	0	0	-2.7	0.1	0	0	8678.1	-0.04
145	24	1986	0	0	0	3.21	2.39	0	0	0	-3.3	0.1	0	0	8681.3	-0.02
146	24	1986	0	0	0	3.09	2.51	0	0	0	-3.2	0.1	0	0	8684.4	-0.04
147	24	1986	0	0	0	4.01	3.09	0	0	0	-4.1	0.1	0	0	8688.4	-0.03
148	24	1986	0	0	0	4.95	3.41	0	0	0	-5.1	0.1	0	0	8693.4	-0.01
149	24	1986	0	0	0	6.13	4.23	0	0	0	-6.2	0.1	0	0	8699.5	-0.02
150	24	1986	0	0	0	6	4	0	0	0	-6.1	0.1	0	0	8705.5	-0.01
151	24	1986	0.51	0	0	4.63	2.72	0	0	0	-4.2	0.1	0	0	8710.1	-0.02
152	24	1986	4.32	0	0	6.16	2.59	0	0	0	-1.9	0.1	0	0	8716.3	-0.04
153	24	1986	0.76	0	0	3.91	1.69	0	0	0	-3.2	0.1	0	0	8720.2	-0.03
154	24	1986	0	0	0	2.5	1.91	0	0	0	-2.6	0.1	0	0	8722.7	-0.02
155	24	1986	0	0	0	3.29	2.78	0	0	0	-3.4	0.1	0	0	8726	-0.02
156	24	1986	3.81	0	0	4.74	1.37	0	0	0	-1.0	0.1	0	0	8730.7	-0.01
157	24	1986	0	0	0	3.51	1.77	0	0	0	-3.6	0.1	0	0	8734.2	-0.02
158	24	1986	22.86	0	0	3.19	0.55	0	0	0	19.6	0.1	0	0	8737.4	-0.02
159	24	1986	2.29	0	0	4.24	2.02	0	0	0	-2.0	0.1	0	0	8741.7	-0.04
160	24	1986	0	0	0	3.99	2.88	0	0	0	-4.1	0.1	0	0	8745.7	-0.03
161	24	1986	0.76	0	0	6.6	4.31	0	0	0	-5.9	0.1	0	0	8752.3	-0.02
162	24	1986	2.29	0	0	4.44	1.77	0	0	0	-2.3	0.1	0	0	8756.7	-0.01
163	24	1986	33.78	0.17	0	3.06	0.18	0	0	0	30.5	0.1	0	0	8759.8	-0.04
164	24	1986	0	0	0	3.23	2.38	0	0	0	-3.2	0.1	0	0	8763	-0.02
165	24	1986	0	0	0	5.59	4.25	0	0	0	-5.7	0.1	0	0	8768.6	-0.05
166	24	1986	0	0	0	5.43	4.17	0	0	0	-5.5	0.1	0	0	8774	-0.02
167	24	1986	19.3	0	0	7.92	4.04	0	0	0	11.3	0.1	0	0	8781.9	-0.03
168	24	1986	0	0	0	6.48	3.9	-0.01	0	0	-6.6	0.1	0	0	8788.4	-0.03
169	24	1986	0	0	0	6.74	4.9	0	0	0	-6.8	0.1	0	0	8795.1	-0.03
170	24	1986	20.07	0	0	6.13	2.46	0	0	0	13.8	0.1	0	0	8801.3	0
171	24	1986	0.25	0	0	5.66	4.23	0	0	0	-5.5	0.1	0	0	8806.9	-0.03
172	24	1986	0	0	0	3.33	2.93	0	0	0	-3.4	0.1	0	0	8810.3	-0.06
173	24	1986	0	0	0	3	2.81	0	0	0	-3.1	0.1	0	0	8813.3	-0.03
174	24	1986	7.62	0	0	6.82	3.37	0	0	0	0.7	0.1	0	0	8820.1	-0.01
175	24	1986	1.52	0	0	7.18	4.19	0	0	0	-5.7	0.1	0	0	8827.3	-0.04
176	24	1986	0	0	0	6.48	4.47	0	0	0	-6.6	0.1	0	0	8833.8	-0.03
177	24	1986	0	0	0	3.82	3.41	0	0	0	-4.0	0.1	0	0	8837.6	0.01
178	24	1986	4.32	0	0	6.53	2.85	0	0	0	-2.3	0.1	0	0	8844.1	-0.02
179	24	1986	0	0	0	4.72	3.93	0	0	0	-4.8	0.1	0	0	8848.8	0
180	24	1986	0.25	0	0	5.14	3.36	0	0	0	-5.0	0.1	0	0	8854	-0.04
181	24	1986	0	0	0	2.82	2.02	0	0	0	-2.9	0.1	0	0	8856.8	-0.04
182	24	1986	5.84	0	0	4.51	1.03	0	0	0	1.3	0.1	0	0	8861.3	-0.05
183	24	1986	13.72	0.66	0	2.59	0.14	0	0	0	10.3	0.1	0	0	8863.9	0.01
184	24	1986	0	0	0	4.79	2.98	0	0	0	-4.2	0.1	0	0	8868.7	-0.02
185	24	1986	0.51	0	0	5.38	3.82	0	0	0	-5.0	0.1	0	0	8874.1	-0.01
186	24	1986	0.51	0	0	5.04	3.59	0.01	0	0	-4.6	0.1	0	0	8879.1	-0.02
187	24	1986	0	0	0	3.02	2.38	0	0	0	-3.1	0.1	0	0	8882.1	-0.02
188	24	1986	6.1	0	0	4.71	1.3	0	0	0	1.3	0.1	0	0	8886.8	0
189	24	1986	0	0	0	2.73	1.58	0	0	0	-2.8	0.1	0	0	8889.6	-0.05
190	24	1986	0	0	0	2.81	1.23	0	0	0	-2.9	0.1	0	0	8892.4	-0.04
191	24	1986	0	0	0	2.71	0.89	0	0	0	-2.8	0.1	0	0	8895.1	-0.03
192	24	1986	0	0	0	2.03	0.88	0	0	0	-2.1	0.1	0	0	8897.1	-0.03
193	24	1986	17.27	0	0	4.62	1.13	0	0	0	12.5	0.1	0	0	8901.7	-0.02
194	24	1986	3.81	0	0	5.54	1.94	0	0	0	-1.8	0.1	0	0	8907.3	-0.01
195	24	1986	1.27	0	0	3.34	1.49	0	0	0	-2.2	0.1	0	0	8910.6	-0.03
196	24	1986	0	0	0	3.59	2.15	0	0	0	-3.7	0.1	0	0	8914.2	-0.03
197	24	1986	0	0	0	2.79	1.46	0	0	0	-2.9	0.1	0	0	8917	-0.04
198	24	1986	0.25	0	0	3.1	1.13	0	0	0	-2.9	0.1	0	0	8920.1	-0.02
199	24	1986	0.25	0	0	2.69	1.04	0	0	0	-2.5	0.1	0	0	8922.8	-0.02
200	24	1986	0	0	0	1.17	0.83	0	0	0	-1.3	0.1	0	0	8924	-0.04
201	24	1986	9.14	0	0	3.86	0.65	0	0	0	5.2	0.1	0	0	8927.8	-0.01
202	24	1986	0	0	0	3.08	0.62	0	0	0	-3.2	0.1	0	0	8930.9	-0.03
203	24	1986	0	0	0	2.58	0.76	0	0	0	-2.7	0.1	0	0	8933.5	-0.03
204	24	1986	0	0	0	2	0.72	0	0	0	-2.1	0.1	0	0	8935.5	-0.02
205	24	1986	0	0	0	0.79	0.7	0	0	0	-0.9	0.1	0	0	8936.3	-0.02
206	24	1986	0	0	0	0.54	0.65	0	0	0	-0.7	0.1	0	0	8936.8	0.01
207	24	1986	5.33	0	0	3.8	0.34	0	0	0	1.4	0.1	0	0	8940.6	-0.01
208	24	1986	0	0	0	1.81	0.38	0	0	0	-1.9	0.1	0	0	8942.4	-0.02
209	24	1986	0	0	0	1.08	0.57	0	0	0	-1.2	0.1	0	0	8943.5	-0.02
210	24	1986	5.08	0	0	3.78	0.3	0	0	0	1.2	0.1	0	0	8947.3	-0.02
211	24	1986	63.5	0	0	4.45	1.17	0	0	0	59.0	0.1	0	0	8951.7	-0.02
212	24	1986	0.25	0	0	5.23	2.98	0	0	0	-5.1	0.1	0	0	8957	-0.02
213	24	1986	3.81	0	0	5.46	1.71	0	0	0	-1.7	0.1	0	0	8962.4	-0.03
214	24	1986	3.81	0	0	3.05	0.67	0	0	0	0.7	0.1	0	0	8965.5	-0.08
215	24	1986	1.27	0	0	4.47	2.33	0	0	0	-3.3	0.1	0	0	8970	-0.03
216	24	1986	0	0	0	3.82	2.33	0	0	0	-3.9	0.1	0	0	8973.8	-0.02
217	24	1986	0	0	0	2.98	2.09	0	0	0	-3.1	0.1	0	0	8976.7	-0.02
218	24	1986	0	0	0	3.95	2.54	0	0	0	-4.1	0.1	0	0	8980.7	0
219	24	1986	17.02	0	0	5.08	1.8	0	0	0	11.8	0.1	0	0	8985.8	-0.01
220	24	1986	6.86	0	0	4.75	1.45	0	0	0	2.0	0.1	0	0	8990.5	-0.04
221	24	1986	0	0	0	2.84	1.74	0	0	0	-2.9	0.1	0	0	8993.4	-0.03
222	24	1986	4.57	0	0	4.14	1.27	0	0	0	0.4	0.1	0	0	8997.5	-0.06
223	24	1986	1.52	0	0	5.55	1.86	0	0	0	-4.1	0.1	0	0	9003.1	-0.07
224	24	1986	0	0	0	4.95	2.08	0	0	0	-5.0	0.1	0	0	9008	-0.04
225	24	1986	0	0	0	4.89	2.19	0	0	0	-5.0	0.1	0	0	9012.9	-0.02
226	24	1986	0	0	0	4.74	1.98	0	0	0	-4.8	0.1	0	0	9017.6	-0.04
227	24	1986	17.02	0	0	5.41	1.8	0	0	0	11.5	0.1	0	0	9023	0.01
228	24	1986	12.45	0	0	5.19	1.36	0	0	0	7.2	0.1	0	0	9028.2	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
229	24	1986	0	0	0	4.55	1.6	0	0	0	-4.6	0.1	0	0	9032.8	-0.06
230	24	1986	0	0	0	4.77	1.38	0	0	0	-4.8	0.1	0	0	9037.6	-0.07
231	24	1986	0	0	0	4.28	1.27	0	0	0	-4.3	0.1	0	0	9041.8	-0.06
232	24	1986	0	0	0	4.4	1.13	0	0	0	-4.5	0.1	0	0	9046.2	-0.04
233	24	1986	0.25	0	0	4.6	0.86	0	0	0	-4.4	0.1	0	0	9050.8	-0.03
234	24	1986	0	0	0	2.86	0.61	0	0	0	-2.9	0.1	0	0	9053.7	-0.04
235	24	1986	4.83	0	0	4.14	0.38	0	0	0	0.6	0.1	0	0	9057.8	-0.02
236	24	1986	0	0	0	4.26	0.43	0	0	0	-4.4	0.1	0	0	9062.1	0.01
237	24	1986	0	0	0	1.3	0.61	0	0	0	-1.4	0.1	0	0	9063.4	0
238	24	1986	3.81	0	0	3.39	0.24	0	0	0	0.3	0.1	0	0	9066.8	0.01
239	24	1986	4.06	0	0	3.37	0.05	0	0	0	0.6	0.1	0	0	9070.2	0.03
240	24	1986	3.81	0	0	3.68	0	0	0	0	0.0	0.1	0	0	9073.8	0
241	24	1986	0.25	0	0	2.62	0	0	0	0	-2.5	0.1	0	0	9076.5	0
242	24	1986	0	0	0	0.9	0.02	0	0	0	-1.0	0.1	0	0	9077.4	0
243	24	1986	0	0	0	0.18	0.03	0	0	0	-0.3	0.1	0	0	9077.5	0
244	24	1986	0	0	0	0.19	0.03	0	0	0	-0.3	0.1	0	0	9077.7	0
245	24	1986	0	0	0	0.12	0.03	0	0	0	-0.2	0.1	0	0	9077.9	0
246	24	1986	0	0	0	0.11	0.05	0	0	0	-0.2	0.1	0	0	9078	0.01
247	24	1986	0	0	0	-0.11	0.05	0	0	0	0.0	0.1	0	0	9077.9	0.02
248	24	1986	4.83	0	0	3.71	0.02	0	0	0	1.0	0.1	0	0	9081.6	0
249	24	1986	0	0	0	2.16	0.03	0	0	0	-2.3	0.1	0	0	9083.7	0.01
250	24	1986	0	0	0	0.34	0.04	0	0	0	-0.5	0.1	0	0	9084.1	0.01
251	24	1986	0	0	0	0.52	0.05	0	0	0	-0.6	0.1	0	0	9084.6	0.01
252	24	1986	0	0	0	0.21	0.07	0	0	0	-0.3	0.1	0	0	9084.8	0.01
253	24	1986	0	0	0	0.15	0.09	0	0	0	-0.3	0.1	0	0	9085	0.02
254	24	1986	0	0	0	-0.06	0.13	0	0	0	-0.1	0.1	0	0	9084.9	0.03
255	24	1986	1.52	0	0	1.53	0.05	0	0	0	-0.1	0.1	0	0	9086.4	0.02
256	24	1986	0	0	0	0.82	0.08	0	0	0	-0.9	0.1	0	0	9087.2	0.02
257	24	1986	0	0	0	0.61	0.11	0	0	0	-0.7	0.1	0	0	9087.8	0.01
258	24	1986	14.73	0	0	2.21	0.02	0	0	0	12.4	0.1	0	0	9090.1	0.01
259	24	1986	1.78	0	0	3.36	0.01	0	0	0	-1.7	0.1	0	0	9093.4	0.01
260	24	1986	0	0	0	1.71	0.03	0	0	0	-1.8	0.1	0	0	9095.1	0.01
261	24	1986	0	0	0	1.77	0.04	0	0	0	-1.9	0.1	0	0	9096.9	0
262	24	1986	0	0	0	1.04	0.02	0	0	0	-1.2	0.1	0	0	9097.9	0.01
263	24	1986	14.99	0	0	1.62	0.01	0	0	0	13.3	0.1	0	0	9099.6	0.01
264	24	1986	0	0	0	3.18	0.04	0	0	0	-3.3	0.1	0	0	9102.7	0.02
265	24	1986	3.05	0	0	1.94	0.01	0	0	0	1.0	0.1	0	0	9104.7	0.01
266	24	1986	38.86	0	0	1.65	0.02	0	0	0	37.1	0.1	0	0	9106.3	0.02
267	24	1986	0	0	0	2.75	0.07	0	0	0	-2.9	0.1	0	0	9109.1	0.01
268	24	1986	0	0	0	2.62	0.06	0	0	0	-2.7	0.1	0	0	9111.7	0.01
269	24	1986	15.49	0	0	2.54	0.03	0	0	0	12.9	0.1	0	0	9114.2	0.01
270	24	1986	0	0	0	3.3	0.05	0	0	0	-3.4	0.1	0	0	9117.5	0
271	24	1986	0	0	0	2.23	0.03	0	0	0	-2.3	0.1	0	0	9119.8	0.01
272	24	1986	38.35	0	0	2.52	0.04	0	0	0	35.7	0.1	0	0	9122.3	0.01
273	24	1986	5.33	0	0	2.41	0.04	0	0	0	2.8	0.1	0	0	9124.7	0
274	24	1986	0.51	0	0	3.23	0.06	0	0	0	-2.8	0.1	0	0	9127.9	0
275	24	1986	1.27	0	0	2.04	0.03	0	0	0	-0.9	0.1	0	0	9130	0
276	24	1986	17.78	0	0	1.71	0.02	0	0	0	15.9	0.1	0	0	9131.7	0.04
277	24	1986	7.37	0	0	2.4	0.03	0	0	0	4.9	0.1	0	0	9134.1	0
278	24	1986	0	0	0	3.15	0.05	0	0	0	-3.3	0.1	0	0	9137.2	0
279	24	1986	4.32	0	0	4.07	0.04	0	0	0	0.2	0.1	0	0	9141.3	-0.01
280	24	1986	0	0	0	1.96	0.06	0	0	0	-2.1	0.1	0	0	9143.3	0
281	24	1986	0	0	0	1.33	0.12	0	0	0	-1.4	0.1	0	0	9144.6	0
282	24	1986	1.02	0	0	2.88	0.06	0	0	0	-2.0	0.1	0	0	9147.5	0
283	24	1986	0	0	0	2.22	0.05	0	0	0	-2.3	0.1	0	0	9149.7	-0.01
284	24	1986	0	0	0	2.4	0.08	0	0	0	-2.5	0.1	0	0	9152.1	0
285	24	1986	0	0	0	2.03	0.1	0	0	0	-2.1	0.1	0	0	9154.1	0
286	24	1986	22.1	0	0	1.64	0.04	0	0	0	20.4	0.1	0	0	9155.8	0
287	24	1986	9.91	0	0	2.73	0.07	0	0	0	7.1	0.1	0	0	9158.5	0
288	24	1986	0	0	0	4.17	0.09	0	0	0	-4.3	0.1	0	0	9162.7	0.01
289	24	1986	0.51	0	0	2.38	0.08	0	0	0	-2.0	0.1	0	0	9165	0
290	24	1986	0.76	0	0	1.63	0.04	0	0	0	-1.0	0.1	0	0	9166.7	0
291	24	1986	0	0	0	1.53	0.06	0	0	0	-1.6	0.1	0	0	9168.2	-0.01
292	24	1986	0	0	0	2.02	0.1	0	0	0	-2.1	0.1	0	0	9170.2	-0.01
293	24	1986	0	0	0	0.76	0.07	0	0	0	-0.8	0.1	0	0	9171	0
294	24	1986	0	0	0	1.15	0.07	0	0	0	-1.2	0.1	0	0	9172.1	-0.01
295	24	1986	0	0	0	0.85	0.12	0	0	0	-0.9	0.1	0	0	9173	-0.01
296	24	1986	0.25	0	0	1.84	0.08	0	0	0	-1.7	0.1	0	0	9174.8	-0.01
297	24	1986	0	0	0	1.91	0.07	0	0	0	-2.0	0.1	0	0	9176.7	-0.01
298	24	1986	0	0	0	1.35	0.08	0	0	0	-1.4	0.1	0	0	9178.1	0
299	24	1986	9.91	0	0	1.45	0.03	0	0	0	8.4	0.1	0	0	9179.5	-0.01
300	24	1986	2.03	0	0	0.91	0.03	0	0	0	1.0	0.1	0	0	9180.4	0
301	24	1986	1.02	0	0	1.2	0.04	0	0	0	-0.3	0.1	0	0	9181.6	-0.01
302	24	1986	2.79	0	0	1.48	0.07	0	0	0	1.2	0.1	0	0	9183.1	-0.01
303	24	1986	2.79	0	0	1.94	0.05	0	0	0	0.8	0.1	0	0	9185.1	-0.01
304	24	1986	0	0	0	1.85	0.1	0	0	0	-1.9	0.1	0	0	9186.9	-0.01
305	24	1986	0	0	0	2.43	0.14	0	0	0	-2.5	0.1	0	0	9189.3	0.01
306	24	1986	7.87	0	0	2.18	0.07	0	0	0	5.6	0.1	0	0	9191.5	-0.01
307	24	1986	0	0	0	1.37	0.06	0	0	0	-1.5	0.1	0	0	9192.9	-0.01
308	24	1986	2.03	0	0	1.47	0.03	0	0	0	0.5	0.1	0	0	9194.4	-0.01
309	24	1986	6.35	0	0.25	0.87	0	0	5.93	0	-0.5	0.1	0	0	9195.2	0
310	24	1986	5.08	0	10.36	0.01	0.04	0	-5.17	0	10.2	0.1	0	0	9195.2	0
311	24	1986	0	0	0.71	0.74	0.06	0	-0.76	0	-0.1	0.1	0	0	9196	0
312	24	1986	1.52	0	0	0.48	0.05	0	0	0	1.0	0.1	0	0	9196.5	0
313	24	1986	5.59	0	0	2	0.08	0	0	0	3.5	0.1	0	0	9198.5	-0.01
314	24	1986	0	0	0	2.96	0	0	0	0	-3.0	0.1	0	0	9201.4	-0.01
315	24	1986	6.6	0.01	0	0.61	0	0	0	0	5.9	0.1	0	0	9202	0
316	24	1986	0	0	0	1	0.03	0	0	0	-1.1	0.1	0	0	9203	0
317	24	1986	3.3	0	0	1.91	0	0	2.83	0	-1.5	0.1	0	0	9204.9	-0.01
318	24	1986	1.52	0	0	0.49	0	0	1.38	0	-0.4	0.1	0	0	9205.4	0
319	24	1986	0	0	0	0.21	0	0	0.09	0	-0.4	0.1	0	0	9205.6	0
320	24	1986	0	0	2.35	0.02	0.07	0	-2.07	0	0.9	0.1	1.07	0	9205.7	0
321	24	1986	0.25	0	1.81	-0.12	0.09	0	-2.24	0	2.1	0.1	0.45	0	9205.5	0
322	24	1986	2.79	0	0	0.54	0	0	0	0	2.2	0.1	0	0	9206.1	0
323	24	1986	2.29	0	0	1.13	0	0	2.25	0	-1.2	0.1	0	0	9207.2	-0.01
324	24	1986	14.99	0	0	0.21	0	0	14.98	0	-0.3	0.1	0	0	9207.4	0
325	24	1986	2.54	0	0	-0.1	0	0	2.67	0	-0.1	0.1	0	0	9207.3	0
326	24	1986	0	0	0	-0.16	0	0	0.23	0	-0.2	0.1	0	0	9207.2	0
327	24	1986	1.02	0	2.16	-0.04	0.01	0	-1.05	0	1.8	0.1	0.2	0	9207.1	0
328	24	1986	0	0	10.3	-0.18	0.03	0	-10.1	0	9.0	0.1	1.24	0	9207	0
329	24	1986	0	0	3.93	0.11	0.08	0	-3.9	0	3.7	0.1	0	0	9207.1	-0.01
330	24	1986	30.73	0	35.79	-0.01	0.02	0	-5.08	0	8.7	0.1	27.02	0	9207.1	-0.01
331	24	1986	0.51	0	0	0.16	0.04	0	0	0	0.3	0.1	0	0	9207.2	-0.01
332	24	1986	0	0	0	0.42	0.11	0	0	0	-0.5	0.1	0	0	9207.6	-0.01
333	24	1986	0	0	0	0.75	0.04	0	0	0	-0.8	0.1	0	0	9208.4	-0.01
334	24	1986	0	0	0	1.92	0	0	0	0	-2.0	0.1	0	0	9210.3	-0.01
335	24	1986	0	0	0	0.9	0	0	0	0	-1.0	0.1	0	0	9211.2	0
336	24	1986	25.4	0	0	0.57	0	0	24.98	0	-0.3	0.1	0	0	9211.8	0.01
337	24	1986	16.26	0	19.89	-0.29	0	0	-3.37	0	0.9	0.1	18.97	0	9211.5	0
338	24	1986	0.51	0	1.26	0.76	0	0	-1.52	0	0.7	0.1	0.53	0	9212.2	-0.01
339	24	1986	0	0	0	0.57	0	0	-0.5	0	-0.2	0.1	0	0	9212.8	0
340	24	1986	0	0	0.15	0.15	0	0	-0.22	0	-0.2	0.1	0.15	0	9212.9	0
341	24	1986	7.11	0	0	-0.07	0	0	7.27	0	-0.2	0.1	0	0	9212.9	0
342	24	1986	1.78	0	0	0.18	0	0	1.7	0	-0.2	0.1	0	0	9213.1	0
343	24	1986	16	0	0.32	0.23	0	0	15.48	0	-0.1	0.1	0.32	0	9213.3	0
344	24	1986	0	0	2.44	0.34	0	0	-2.8	0	-0.1	0.1	2.44	0	9213.6	0
345	24	1986	0	0	0	0.26	0	0	-0.22	0	-0.1	0.1	0	0	9213.9	0
346	24	1986	2.29	0	0	0.12	0	0	2.2	0	-0.1	0.1	0	0	9214	0
347	24	1986	0.51	0	0	0.25	0	0	0.34	0	-0.2	0.1	0	0	9214.2	0
348	24	1986	0	0	0	0.18	0	0	-0.11	0	-0.2	0.1	0	0	9214.4	0
349	24	1986	0	0	1.65	0	0	0	-1.64	0	0.3	0.1	1.25	0	9214.4	0
350	24	1986	0	0	0.7	-0.04	0	0	-0.67	0	0.6	0.1	0	0	9214.4	0
351	24	1986	0	0	0.95	-0.09	0	0	-0.86	0	0.9	0.1	0	0	9214.3	0
352	24	1986	2.79	0	4.79	-0.19	0	0	-1.82	0	4.7	0.1	0	0	9214.1	0
353	24	1986	0	0	2.68	-0.1	0	0	-2.59	0	2.6	0.1	0	0	9214	0
354	24	1986	0.25	0	0.6	-0.04	0	0	-0.3	0	0.5	0.1	0	0	9214	0
355	24	1986	0	0	0	0.09	0	0	-0.03	0	-0.2	0.1	0	0	9214	0
356	24	1986	0	0	0.24	0.16	0	0	-0.35	0	0.1	0.1	0	0	9214.2	0
357	24	1986	0	0	0.05	0.12	0	0	-0.13	0	-0.1	0.1	0	0	9214.3	0
358	24	1986	6.86	0	8.65	0.14	0	0	-1.91	0	8.5	0.1	0	0	9214.5	0
359	24	1986	4.32	0	11.68	-0.17	0	0	-7.19	0	11.6	0.1	0	0	9214.3	0
360	24	1986	0.51	0	4.81	-0.03	0	0	-4.26	0	4.7	0.1	0	0	9214.3	0
361	24	1986	0	0	3.27	0.03	0	0	-3.21	0	3.1	0.1	0	0	9214.3	0
362	24	1986	0	0	2.75	0.1	0	0	-2.79	0	2.6	0.1	0	0	9214.4	0
363	24	1986	0	0	4	0.1	0	0	-4.03	0	3.8	0.1	0	0	9214.5	0
364	24	1986	0	0	1.63	0.18	0	0	-1.71	0	1.4	0.1	0	0	9214.7	0
365	24	1986	0	0	1.62	0.17	0	0	-1.66	0	1.3	0.1	0.12	0	9214.8	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
1	24	1987	0	0	0.41	0.43	0	0	-0.67	0	-0.3	0.1	0.4	0	9215.3	0
2	24	1987	23.37	0	0	0.03	0	0	23.44	0	-0.2	0.1	0	0	9215.3	0
3	24	1987	1.78	0	0	-0.17	0	0	1.99	0	-0.2	0.1	0	0	9215.1	0
4	24	1987	0	0	0	0	0	0	0.07	0	-0.2	0.1	0	0	9215.1	0
5	24	1987	0	0	0	-0.04	0	0	0.13	0	-0.2	0.1	0	0	9215.1	-0.01
6	24	1987	0	0	0	0.02	0	0	0.03	0	-0.2	0.1	0	0	9215.1	0
7	24	1987	4.57	0	2.85	-0.11	0	0	1.81	0	-0.1	0.1	2.85	0	9215	0
8	24	1987	1.27	0	0	0.12	0	0	1.19	0	-0.2	0.1	0	0	9215.1	0
9	24	1987	0.76	0	0	0	0	0	0.79	0	-0.2	0.1	0	0	9215.1	0
10	24	1987	5.33	0	0	-0.16	0	0	5.52	0	-0.2	0.1	0	0	9215	0
11	24	1987	4.32	0	0	-0.24	0	0	4.57	0	-0.1	0.1	0	0	9214.7	0
12	24	1987	2.79	0	0	-0.09	0	0	2.89	0	-0.1	0.1	0	0	9214.6	0
13	24	1987	0	0	0	0.27	0	0	-0.26	0	-0.1	0.1	0	0	9214.9	0
14	24	1987	0	0	0	-0.11	0	0	0.13	0	-0.2	0.1	0	0	9214.8	0
15	24	1987	4.57	0	7.18	-0.38	0	0	-2.25	0	-0.1	0.1	7.18	0	9214.4	0
16	24	1987	0	0	0	0.44	0	0	-0.41	0	-0.2	0.1	0	0	9214.8	0.01
17	24	1987	0	0	0	0.16	0	0	-0.1	0	-0.2	0.1	0	0	9215	0.01
18	24	1987	1.27	0	0	0.25	0	0	1.04	0	-0.2	0.1	0	0	9215.2	0.01
19	24	1987	6.1	0	0	-0.02	0	0	6.14	0	-0.2	0.1	0	0	9215.2	0
20	24	1987	0.25	0	0	0.06	0	0	0.22	0	-0.2	0.2	0	0	9215.3	0
21	24	1987	0	0	0	0.32	0	0	-0.3	0	-0.2	0.2	0	0	9215.6	0
22	24	1987	8.13	0	0	-0.09	0	0	8.25	0	-0.2	0.2	0	0	9215.5	0
23	24	1987	2.79	0	0	0.15	0	0	2.67	0	-0.2	0.2	0	0	9215.7	0
24	24	1987	0	0	0	0.51	0	0	-0.48	0	-0.2	0.2	0	0	9216.2	0
25	24	1987	0	0	0	0.19	0	0	-0.16	0	-0.2	0.2	0	0	9216.4	0
26	24	1987	0	0	0	0.04	0	0	0	0	-0.2	0.2	0	0	9216.4	0
27	24	1987	0	0	0	0.03	0	0	0.02	0	-0.2	0.2	0	0	9216.4	0
28	24	1987	0	0	0	0	0	0	0.04	0	-0.2	0.2	0	0	9216.4	0
29	24	1987	1.78	0	0	-0.12	0	0	1.93	0	-0.2	0.2	0	0	9216.3	0
30	24	1987	6.86	0	0	0.06	0	0	6.82	0	-0.2	0.2	0	0	9216.4	0
31	24	1987	1.02	0	0	0.2	0	0	0.83	0	-0.2	0.2	0	0	9216.6	0
32	24	1987	0	0	0	0.17	0	0	-0.16	0	-0.2	0.2	0	0	9216.7	0
33	24	1987	0	0	1.32	0.03	0	0	-1.36	0	-0.2	0.2	1.32	0	9216.8	0
34	24	1987	2.79	0	3.66	-0.16	0	0	-0.73	0	-0.2	0.2	3.65	0	9216.6	0
35	24	1987	6.1	0	0	0.09	0	0	6.01	0	-0.2	0.2	0	0	9216.7	0
36	24	1987	0.25	0	0	-0.03	0	0	0.31	0	-0.2	0.2	0	0	9216.7	0
37	24	1987	0	0	0	0	0	0	0.03	0	-0.2	0.2	0	0	9216.7	0
38	24	1987	0.25	0	0.78	0	0	0	-0.53	0	-0.2	0.2	0.78	0	9216.7	0
39	24	1987	1.78	0	0	-0.02	0	0	1.79	0	-0.2	0.2	0	0	9216.7	0
40	24	1987	1.52	0	0	0.47	0	0	1.07	0	-0.2	0.2	0	0	9217.1	0
41	24	1987	1.27	0	0	-0.11	0	0	1.4	0	-0.2	0.2	0	0	9217	0
42	24	1987	0	0	0	0.12	0	0	-0.1	0	-0.2	0.2	0	0	9217.1	0
43	24	1987	0	0	0	0.1	0	0	-0.08	0	-0.2	0.2	0	0	9217.2	0
44	24	1987	1.02	0	0	0.35	0	0	0.69	0	-0.2	0.2	0	0	9217.6	0
45	24	1987	0	0	0	0.02	0	0	0.03	0	-0.3	0.2	0	0	9217.6	0
46	24	1987	0	0	0	0.05	0	0	-0.01	0	-0.3	0.2	0	0	9217.7	0
47	24	1987	0	0	0	0.06	0	0	-0.02	0	-0.3	0.2	0	0	9217.7	0
48	24	1987	0	0	0	0.09	0	0	-0.05	0	-0.3	0.2	0	0	9217.8	0
49	24	1987	0	0	0	0.1	0	0	-0.07	0	-0.3	0.2	0	0	9217.9	0
50	24	1987	0	0	0	0.14	0	0	-0.11	0	-0.3	0.2	0	0	9218.1	0
51	24	1987	0	0	0	0.12	0	0	-0.09	0	-0.3	0.2	0	0	9218.2	0
52	24	1987	0	0	0	0.04	0	0	-0.02	0	-0.3	0.2	0	0	9218.2	0
53	24	1987	0	0	0	0.12	0	0	-0.1	0	-0.3	0.2	0	0	9218.3	0
54	24	1987	0.25	0	0	0.5	0	0	-0.24	0	-0.2	0.2	0	0	9218.8	0
55	24	1987	0	0	0	0.6	0	0	-0.59	0	-0.3	0.2	0	0	9219.4	0
56	24	1987	0	0	0	0.22	0	0	-0.2	0	-0.3	0.2	0	0	9219.7	0
57	24	1987	0	0	0	0.14	0	0	-0.11	0	-0.3	0.2	0	0	9219.8	0
58	24	1987	0	0	0	0.12	0	0	-0.11	0	-0.3	0.2	0	0	9219.9	0
59	24	1987	0.76	0	0.47	0.06	0	0	0.23	0	-0.2	0.2	0.47	0	9220	0
60	24	1987	24.13	0	29.89	-0.1	0	0	-5.68	0	-0.2	0.3	29.87	0	9219.9	0
61	24	1987	3.3	0	15.3	-0.05	0.03	0	-11.94	0	0.7	0.3	14.35	0	9219.8	0
62	24	1987	0.25	0	3.27	0.27	0	0	-3.28	0	0.9	0.3	2.08	0	9220.1	0
63	24	1987	0	0	3.26	0.29	0	0	-3.54	0	0.4	0.3	2.58	0	9220.4	0
64	24	1987	0	0	3.95	0.18	0	0	-4.13	0	0.1	0.3	3.65	0	9220.6	0
65	24	1987	0	0	14.69	0.33	0.27	0	-14.72	0	-0.5	0.3	14.61	0	9220.9	-0.01
66	24	1987	0	0	16.58	0.54	0.58	0	-16.52	0	-0.1	0.3	15.85	0	9221.4	0
67	24	1987	0	0	10.57	0.37	0.41	0	-10.52	0	6.9	0.3	2.96	0	9221.8	0
68	24	1987	0	0	2.39	1.16	0.16	0	-3.22	0	1.1	0.3	0.76	0	9223	-0.01
69	24	1987	0	0	0	1.17	0	0	-0.99	0	-0.4	0.3	0	0	9224.1	-0.01
70	24	1987	0	0	0	0.55	0	0	-0.45	0	-0.4	0.3	0	0	9224.7	0
71	24	1987	0	0	0.36	0.66	0.23	0	-0.72	0	-0.2	0.3	0	0	9225.3	0
72	24	1987	0	0	0.32	0.58	0	0	-0.83	0	0.0	0.3	0	0	9225.9	0.01
73	24	1987	0	0	0	0.58	0.14	0	-0.35	0	-0.5	0.3	0	0	9226.5	0
74	24	1987	0	0	0	0.69	0.14	0	-0.47	0	-0.5	0.3	0	0	9227.2	0
75	24	1987	0	0	0	0.93	0	0	-0.82	0	-0.4	0.3	0	0	9228.1	0
76	24	1987	0	0	0	1.05	0.15	0	-0.84	0	-0.5	0.3	0	0	9229.2	0.01
77	24	1987	0	0	0	1	0.37	0	-0.54	0	-0.7	0.3	0	0	9230.2	0.01
78	24	1987	0	0	0.01	0.69	0.31	0	-0.35	0	-0.6	0.3	0	0	9230.9	0
79	24	1987	0.25	0	0.48	0.89	0	0	-0.92	0	0.0	0.3	0	0	9231.8	0
80	24	1987	0	0	0	1.5	0.26	0	0	0	-1.8	0.3	0	0	9233.3	0
81	24	1987	0	0	0	2.17	0.64	0	0	0	-2.4	0.3	0	0	9235.4	-0.01
82	24	1987	0	0	0	2.21	0.7	0	0	0	-2.5	0.3	0	0	9237.6	-0.01
83	24	1987	0	0	0	2.55	0.8	0	0	0	-2.8	0.3	0	0	9240.2	-0.01
84	24	1987	6.35	0	0	2.18	0.48	0	0	0	3.9	0.3	0	0	9242.4	-0.02
85	24	1987	1.78	0	0	3.16	0.44	0	0	0	-1.6	0.3	0	0	9245.5	-0.03
86	24	1987	0.25	0	0	2.2	0.58	0	0	0	-2.2	0.3	0	0	9247.7	-0.01
87	24	1987	0	0	0	1.56	0.57	0	0	0	-1.8	0.3	0	0	9249.3	-0.02
88	24	1987	0	0	0	3.17	0.97	0	0	0	-3.4	0.3	0	0	9252.5	-0.03
89	24	1987	1.02	0	0	4.29	0.75	0	0	0	-3.5	0.3	0	0	9256.8	-0.03
90	24	1987	9.91	0	0	3.58	0.48	0	0	0	6.1	0.3	0	0	9260.3	-0.03
91	24	1987	0.51	0	0.39	2.48	0	0	0	0	-2.2	0.3	0	0	9262.8	-0.02
92	24	1987	6.86	0	0	1.28	0	0	0	0	5.3	0.3	0	0	9264.1	0
93	24	1987	0	0	0	1.53	0.19	0	0	0	-1.8	0.3	0	0	9265.6	-0.01
94	24	1987	15.49	0	0	1.74	0.2	0	0	0	13.5	0.3	0	0	9267.4	-0.02
95	24	1987	0.76	0	0	2.09	0.38	0	0	0	-1.6	0.3	0	0	9269.5	-0.03
96	24	1987	5.84	0	0	1.83	0.27	0	0	0	3.8	0.3	0	0	9271.3	-0.01
97	24	1987	2.79	0	0	2.76	0.34	0	0	0	-0.2	0.3	0	0	9274.1	-0.02
98	24	1987	0	0	0	2.11	0.46	0	0	0	-2.4	0.3	0	0	9276.2	-0.02
99	24	1987	0	0	0	2.31	0.67	0	0	0	-2.6	0.3	0	0	9278.5	-0.03
100	24	1987	0	0	0	2.76	0.91	0	0	0	-3.0	0.3	0	0	9281.2	-0.02
101	24	1987	0	0	0	3.3	1.17	0	0	0	-3.6	0.3	0	0	9284.5	-0.01
102	24	1987	17.27	0	0	3.6	0.59	0	0	0	13.4	0.3	0	0	9288.1	-0.01
103	24	1987	12.19	0	0	3.77	0.71	0	0	0	8.2	0.3	0	0	9291.9	-0.02
104	24	1987	0	0	0	3.02	0.95	0	0	0	-3.3	0.3	0	0	9294.9	-0.03
105	24	1987	1.02	0	0	3.21	0.89	0	0	0	-2.4	0.3	0	0	9298.1	-0.02
106	24	1987	0	0	0	3	0.8	0	0	0	-3.2	0.3	0	0	9301.1	-0.04
107	24	1987	2.54	0	0	2.13	0.26	0	0	0	0.2	0.3	0	0	9303.3	-0.01
108	24	1987	0	0	0	3.93	1.11	0	0	0	-4.2	0.3	0	0	9307.2	-0.02
109	24	1987	0	0	0	2.27	1.04	0	0	0	-2.5	0.3	0	0	9309.5	-0.02
110	24	1987	0	0	0	3	1.17	0	0	0	-3.3	0.3	0	0	9312.5	-0.03
111	24	1987	0	0	0	4.88	1.53	0	0	0	-5.1	0.3	0	0	9317.4	-0.04
112	24	1987	0	0	0	3.98	1.12	0	0	0	-4.2	0.3	0	0	9321.3	-0.02
113	24	1987	0.51	0	0	4.84	1.12	0	0	0	-4.6	0.3	0	0	9326.2	-0.01
114	24	1987	6.35	0	0	2.59	0.39	0	0	0	3.5	0.3	0	0	9328.8	-0.03
115	24	1987	0	0	0	2.48	0.84	0	0	0	-2.8	0.3	0	0	9331.3	-0.01
116	24	1987	0	0	0	3.5	1.14	0	0	0	-3.8	0.3	0	0	9334.8	-0.01
117	24	1987	0	0	0	4.82	1.28	0	0	0	-5.1	0.3	0	0	9339.6	-0.02
118	24	1987	5.33	0	0	3.68	0.5	0	0	0	1.4	0.3	0	0	9343.3	-0.01
119	24	1987	2.54	0	0	3.26	0.6	0	0	0	-1.0	0.3	0	0	9346.5	-0.01
120	24	1987	4.06	0	0	3.2	0.27	0	0	0	0.6	0.3	0	0	9349.7	-0.03
121	24	1987	0	0	0	3.54	1.02	0	0	0	-3.8	0.3	0	0	9353.3	-0.03
122	24	1987	0	0	0	4.06	1.17	0	0	0	-4.3	0.3	0	0	9357.3	-0.01
123	24	1987	0	0	0	2.46	0.72	0	0	0	-2.8	0.3	0	0	9359.8	0
124	24	1987	0	0	0	3.29	0.96	0	0	0	-3.6	0.3	0	0	9363.1	-0.01
125	24	1987	0	0	0	4.11	1.05	0	0	0	-4.4	0.3	0	0	9367.2	-0.02
126	24	1987	0	0	0	3.03	1.18	0	0	0	-3.3	0.3	0	0	9370.2	0
127	24	1987	0	0	0	3.46	0.97	0	0	0	-3.7	0.3	0	0	9373.7	-0.03
128	24	1987	0	0	0	4.54	1.16	0	0	0	-4.8	0.3	0	0	9378.2	-0.01
129	24	1987	0	0	0	5.96	1.89	0	0	0	-6.2	0.3	0	0	9384.2	-0.03
130	24	1987	0	0	0	4.42	1.52	0	0	0	-4.7	0.3	0	0	9388.6	-0.01
131	24	1987	0	0	0	4.24	2.02	0	0	0	-4.5	0.3	0	0	9392.8	-0.01
132	24	1987	2.03	0	0	2.96	1.08	0	0	0	-1.2	0.3	0	0	9395.8	-0.02
133	24	1987	0	0	0	3.11	2.09	0	0	0	-3.4	0.3	0	0	9398.9	-0.02
134	24	1987	0	0	0	2.21	2.22	0	0	0	-2.5	0.3	0	0	9401.1	0
135	24	1987	3.56	0	0	4.43	1.23	0	0	0	-1.2	0.3	0	0	9405.5	0
136	24	1987	0	0	0	2.68	1.89	0	0	0	-3.0	0.3	0	0	9408.2	-0.01
137	24	1987	0	0	0	1.9	1.99	0	0	0	-2.2	0.3	0	0	9410.1	0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
138	24	1987	1.78	0	0	2.26	0.94	0	0	0	-0.8	0.3	0	0	9412.4	-0.01
139	24	1987	0	0	0	1.18	0.83	0	0	0	-1.5	0.3	0	0	9413.6	-0.02
140	24	1987	0.25	0	0	1.6	1.07	0	0	0	-1.6	0.3	0	0	9415.2	-0.01
141	24	1987	0	0	0	1.56	1.43	0	0	0	-1.9	0.3	0	0	9416.7	0
142	24	1987	14.22	0	0	2.82	1.03	0	0	0	11.1	0.3	0	0	9419.5	0.01
143	24	1987	0	0	0	4.82	1.56	0	0	0	-5.1	0.3	0	0	9424.4	-0.02
144	24	1987	0	0	0	4.12	0.88	0	0	0	-4.4	0.3	0	0	9428.5	-0.02
145	24	1987	0	0	0	3.62	1.15	0	0	0	-3.9	0.3	0	0	9432.1	-0.01
146	24	1987	0.25	0	0	2.62	1.02	0	0	0	-2.7	0.3	0	0	9434.7	-0.01
147	24	1987	0	0	0	3.48	2.17	0	0	0	-3.8	0.3	0	0	9438.2	-0.01
148	24	1987	13.72	0	0	5.55	1.67	0	0	0	7.9	0.3	0	0	9443.8	-0.02
149	24	1987	0	0	0	5.73	1.96	0	0	0	-6.0	0.3	0	0	9449.5	-0.03
150	24	1987	0	0	0	6.27	2.3	0	0	0	-6.6	0.3	0	0	9455.8	-0.03
151	24	1987	0	0	0	3.17	2.19	0	0	0	-3.5	0.3	0	0	9458.9	-0.02
152	24	1987	1.27	0	0	3.44	2.11	0	0	0	-2.5	0.3	0	0	9462.4	-0.01
153	24	1987	3.81	0	0	2.5	0.8	0	0	0	1.0	0.3	0	0	9464.9	-0.01
154	24	1987	6.86	0	0	5.05	0.89	0	0	0	1.5	0.3	0	0	9469.9	-0.01
155	24	1987	11.68	0	0	3.51	0.66	0	0	0	7.9	0.3	0	0	9473.4	-0.03
156	24	1987	0	0	0	4.88	1.44	0	0	0	-5.2	0.3	0	0	9478.3	-0.03
157	24	1987	0	0	0	5.01	1.41	0	0	0	-5.3	0.3	0	0	9483.3	-0.02
158	24	1987	3.81	0	0	4.34	0.85	0	0	0	-0.8	0.3	0	0	9487.7	-0.02
159	24	1987	2.54	0	0	3.86	1.03	0	0	0	-1.6	0.3	0	0	9491.5	0
160	24	1987	0.76	0	0	3.64	0.75	0	0	0	-3.2	0.3	0	0	9495.2	-0.02
161	24	1987	0	0	0	3.8	1.67	0	0	0	-4.1	0.3	0	0	9499	-0.02
162	24	1987	0	0	0	2.09	1.91	0	0	0	-2.4	0.3	0	0	9501.1	-0.01
163	24	1987	9.91	0	0	4.86	1.18	0	0	0	4.8	0.3	0	0	9505.9	-0.01
164	24	1987	0	0	0	4.41	1.08	0	0	0	-4.7	0.3	0	0	9510.3	-0.02
165	24	1987	0	0	0	4.21	1.78	0	0	0	-4.5	0.3	0	0	9514.5	-0.02
166	24	1987	0	0	0	1.97	1.84	0	0	0	-2.2	0.3	0	0	9516.5	-0.02
167	24	1987	0	0	0	1.67	1.56	0	0	0	-1.9	0.3	0	0	9518.2	-0.02
168	24	1987	0	0	0	1.19	1.11	0	0	0	-1.5	0.3	0	0	9519.4	-0.01
169	24	1987	0	0	0	1.29	1.2	0	0	0	-1.6	0.3	0	0	9520.7	-0.01
170	24	1987	0	0	0	1.14	1.17	0	0	0	-1.4	0.3	0	0	9521.8	-0.01
171	24	1987	0	0	0	1.07	1	0	0	0	-1.3	0.3	0	0	9522.9	-0.02
172	24	1987	0.76	0	0	1.21	0.65	0	0	0	-0.7	0.3	0	0	9524.1	-0.01
173	24	1987	69.6	0	0	4.11	0.81	0	0	0	65.2	0.3	0	0	9528.2	0
174	24	1987	0.76	0	0	4.07	1.43	0	0	0	-3.6	0.3	0	0	9532.3	-0.02
175	24	1987	0	0	0	5.25	1.98	0	0	0	-5.5	0.3	0	0	9537.5	-0.01
176	24	1987	0	0	0	5.61	2.12	0	0	0	-5.9	0.3	0	0	9543.1	-0.01
177	24	1987	7.11	0	0	4.87	1.09	0	0	0	2.0	0.3	0	0	9548	-0.03
178	24	1987	0	0	0	3.39	1.57	0	0	0	-3.7	0.3	0	0	9551.4	0
179	24	1987	0	0	0	6.62	1.89	0	0	0	-6.9	0.3	0	0	9558	-0.03
180	24	1987	0	0	0	5.55	2.34	0	0	0	-5.8	0.3	0	0	9563.5	-0.01
181	24	1987	9.14	0	0	5.25	1.47	0	0	0	3.6	0.3	0	0	9568.8	-0.01
182	24	1987	0	0	0	2.46	1.08	0	0	0	-2.7	0.3	0	0	9571.3	-0.01
183	24	1987	15.49	0	0	2.39	0.3	0	0	0	12.9	0.3	0	0	9573.7	-0.01
184	24	1987	0.25	0	0	5.39	1.84	0	0	0	-5.4	0.3	0	0	9579	0
185	24	1987	1.78	0	0	5.77	1.43	0	0	0	-4.2	0.3	0	0	9584.8	-0.01
186	24	1987	0	0	0	5.6	2	0	0	0	-5.8	0.3	0	0	9590.4	-0.02
187	24	1987	0	0	0	5.97	2.19	0	0	0	-6.2	0.3	0	0	9596.4	-0.01
188	24	1987	0.25	0	0	5.36	1.78	0	0	0	-5.4	0.3	0	0	9601.8	-0.01
189	24	1987	4.06	0	0	5.07	1.51	0	0	0	-1.2	0.3	0	0	9606.8	-0.01
190	24	1987	0	0	0	5.72	2.21	0	0	0	-6.0	0.3	0	0	9612.5	-0.01
191	24	1987	0	0	0	4.63	2.72	0	0	0	-4.9	0.3	0	0	9617.2	-0.01
192	24	1987	4.57	0	0	5.48	1.88	0	0	0	-1.1	0.3	0	0	9622.6	-0.02
193	24	1987	0	0	0	2.94	2	0	0	0	-3.2	0.3	0	0	9625.6	-0.01
194	24	1987	0	0	0	3.32	3.05	0	0	0	-3.6	0.2	0	0	9628.9	-0.01
195	24	1987	24.13	0	0	5.95	1.74	0	0	0	18.0	0.2	0	0	9634.9	-0.02
196	24	1987	0	0	0	3.23	1.14	0	0	0	-3.5	0.2	0	0	9638.1	-0.01
197	24	1987	0	0	0	5.06	1.78	0	0	0	-5.3	0.2	0	0	9643.2	0
198	24	1987	0	0	0	4.54	1.84	0	0	0	-4.8	0.2	0	0	9647.7	0
199	24	1987	0	0	0	3.21	1.64	0	0	0	-3.5	0.2	0	0	9650.9	0
200	24	1987	0	0	0	4.72	2.09	0	0	0	-5.0	0.2	0	0	9655.6	0
201	24	1987	2.54	0	0	3.64	1.41	0	0	0	-1.3	0.2	0	0	9659.3	-0.02
202	24	1987	0	0	0	3.1	2.13	0	0	0	-3.3	0.2	0	0	9662.4	-0.02
203	24	1987	0	0	0	1.68	1.68	0	0	0	-1.9	0.2	0	0	9664	-0.01
204	24	1987	0	0	0	2.86	2.61	0	0	0	-3.1	0.2	0	0	9666.9	-0.01
205	24	1987	0	0	0	2.27	2.26	0	0	0	-2.5	0.2	0	0	9669.2	-0.01
206	24	1987	0	0	0	1.3	1.44	0	0	0	-1.5	0.2	0	0	9670.5	0
207	24	1987	1.02	0	0	2.39	1.26	0	0	0	-1.6	0.2	0	0	9672.9	-0.01
208	24	1987	0	0	0	1.22	0.98	0	0	0	-1.4	0.2	0	0	9674.1	-0.01
209	24	1987	0	0	0	1.06	0.93	0	0	0	-1.3	0.2	0	0	9675.1	-0.01
210	24	1987	0	0	0	1.1	0.98	0	0	0	-1.3	0.2	0	0	9676.2	-0.01
211	24	1987	0.76	0	0	1.55	0.96	0	0	0	-1.0	0.2	0	0	9677.8	0
212	24	1987	0	0	0	1.03	0.81	0	0	0	-1.2	0.2	0	0	9678.8	-0.01
213	24	1987	0	0	0	0.84	0.74	0	0	0	-1.1	0.2	0	0	9679.7	-0.01
214	24	1987	8.89	0	0	3.67	0.46	0	0	0	5.0	0.2	0	0	9683.3	0
215	24	1987	0	0	0	4.09	0.57	0	0	0	-4.3	0.2	0	0	9687.4	0
216	24	1987	0	0	0	2.12	0.65	0	0	0	-2.3	0.2	0	0	9689.5	-0.01
217	24	1987	0	0	0	0.7	0.56	0	0	0	-0.9	0.2	0	0	9690.2	-0.01
218	24	1987	0	0	0	0.76	0.62	0	0	0	-1.0	0.2	0	0	9691	-0.01
219	24	1987	0	0	0	0.46	0.52	0	0	0	-0.7	0.2	0	0	9691.5	0
220	24	1987	0	0	0	0.55	0.5	0	0	0	-0.7	0.2	0	0	9692	-0.01
221	24	1987	16.76	0	0	4.18	0.86	0	0	0	12.4	0.2	0	0	9696.2	-0.01
222	24	1987	0	0	0	4.47	1.47	0	0	0	-4.7	0.2	0	0	9700.7	0
223	24	1987	0	0	0	2.43	0.67	0	0	0	-2.6	0.2	0	0	9703.1	-0.02
224	24	1987	0	0	0	3.48	0.83	0	0	0	-3.7	0.2	0	0	9706.6	-0.01
225	24	1987	0	0	0	2.91	0.96	0	0	0	-3.1	0.2	0	0	9709.5	-0.01
226	24	1987	0	0	0	1.22	1.08	0	0	0	-1.4	0.2	0	0	9710.7	-0.02
227	24	1987	0	0	0	0.84	0.87	0	0	0	-1.0	0.2	0	0	9711.5	-0.01
228	24	1987	0	0	0	0.8	0.77	0	0	0	-1.0	0.2	0	0	9712.3	0
229	24	1987	4.06	0	0	3.92	0.59	0	0	0	-0.1	0.2	0	0	9716.3	0.01
230	24	1987	0	0	0	0.91	0.42	0	0	0	-1.1	0.2	0	0	9717.2	-0.02
231	24	1987	2.54	0	0	3.15	0.44	0	0	0	-0.8	0.2	0	0	9720.3	-0.02
232	24	1987	0	0	0	0.7	0.54	0	0	0	-0.9	0.2	0	0	9721	-0.02
233	24	1987	0	0	0	0.79	0.59	0	0	0	-1.0	0.2	0	0	9721.8	-0.02
234	24	1987	1.78	0	0	1.93	0.42	0	0	0	-0.4	0.2	0	0	9723.7	0
235	24	1987	0	0	0	0.79	0.44	0	0	0	-1.0	0.2	0	0	9724.5	-0.02
236	24	1987	0.51	0	0	0.78	0.33	0	0	0	-0.5	0.2	0	0	9725.3	0
237	24	1987	0	0	0	0.51	0.41	0	0	0	-0.7	0.2	0	0	9725.8	0
238	24	1987	0	0	0	0.54	0.43	0	0	0	-0.7	0.2	0	0	9726.4	-0.01
239	24	1987	6.1	0	0	2.39	0.12	0	0	0	3.5	0.2	0	0	9728.7	0.05
240	24	1987	7.62	0	0	3.33	0.43	0	0	0	4.1	0.2	0	0	9732.1	0
241	24	1987	5.08	0	0	2.65	0.59	0	0	0	2.3	0.2	0	0	9734.7	-0.02
242	24	1987	0	0	0	1.82	1	0	0	0	-2.0	0.2	0	0	9736.5	-0.01
243	24	1987	0.51	0	0	3.38	0.93	0	0	0	-3.0	0.2	0	0	9739.9	-0.01
244	24	1987	0	0	0	2.7	0.5	0	0	0	-2.9	0.2	0	0	9742.6	-0.01
245	24	1987	4.83	0	0	2.95	0.22	0	0	0	1.7	0.2	0	0	9745.6	0
246	24	1987	0	0	0	2.92	0.55	0	0	0	-3.1	0.2	0	0	9748.5	-0.02
247	24	1987	0	0	0	1.92	0.53	0	0	0	-2.1	0.2	0	0	9750.4	-0.01
248	24	1987	0	0	0	1.26	0.49	0	0	0	-1.4	0.2	0	0	9751.7	-0.01
249	24	1987	0	0	0	0.76	0.48	0	0	0	-0.9	0.2	0	0	9752.4	-0.01
250	24	1987	0.25	0	0	0.83	0.52	0	0	0	-0.7	0.2	0	0	9753.3	-0.01
251	24	1987	12.19	0	0	2.98	0.57	0	0	0	9.1	0.2	0	0	9756.3	-0.01
252	24	1987	2.03	0	0	3.79	0.89	0	0	0	-1.9	0.2	0	0	9760	-0.02
253	24	1987	0	0	0	3.05	0.81	0	0	0	-3.2	0.2	0	0	9763.1	-0.02
254	24	1987	1.52	0	0	3.19	0.62	0	0	0	-1.8	0.2	0	0	9766.3	-0.02
255	24	1987	47.5	0	0	2.89	0.57	0	0	0	44.4	0.2	0	0	9769.2	0
256	24	1987	27.43	0	0	3.13	0.58	0	0	0	24.2	0.2	0	0	9772.3	-0.01
257	24	1987	0	0	0	2.54	1.09	0	0	0	-2.7	0.2	0	0	9774.8	-0.03
258	24	1987	0	0	0	3.16	1.34	0	0	0	-3.3	0.2	0	0	9778	-0.01
259	24	1987	0.25	0	0	3.36	1.56	0	0	0	-3.3	0.2	0	0	9781.4	-0.02
260	24	1987	9.65	0	0	2.83	0.48	0	0	0	6.7	0.2	0	0	9784.2	0
261	24	1987	4.83	0.17	0	1.73	0.03	0	0	0	2.8	0.2	0	0	9785.9	-0.02
262	24	1987	13.97	0	0	2.27	0.11	0	0	0	11.7	0.2	0	0	9788.2	0
263	24	1987	3.81	0	0	2.69	0.5	0	0	0	1.0	0.2	0	0	9790.9	-0.01
264	24	1987	6.86	0	0	2.38	0.51	0	0	0	4.3	0.2	0	0	9793.3	-0.01
265	24	1987	0	0	0	1.33	0.57	0	0	0	-1.5	0.2	0	0	9794.6	-0.01
266	24	1987	0	0	0	1.88	0.87	0	0	0	-2.0	0.2	0	0	9796.5	-0.03
267	24	1987	0.51	0	0	2.32	0.84	0	0	0	-1.9	0.2	0	0	9798.8	-0.02
268	24	1987	0	0	0	2.87	1.08	0	0	0	-3.0	0.2	0	0	9801.6	-0.02
269	24	1987	0	0	0	3.23	1.53	0	0	0	-3.4	0.2	0	0	9804.9	-0.01
270	24	1987	0	0	0	2.48	1.31	0	0	0	-2.6	0.2	0	0	9807.4	-0.01
271	24	1987	6.6	0	0	2.89	1.01	0	0	0	3.6	0.2	0	0	9810.2	-0.01
272	24	1987	0.76	0	0	3.11	1.6	0	0	0	-2.5	0.2	0	0	9813.4	-0.02
273	24	1987	9.14	0	0	2.79	0.54	0	0	0	6.2	0.2	0	0	9816.1	-0.03
274	24	1987	0	0	0	2.73	1.08	0	0	0	-2.9	0.2	0	0	9818.9	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
275	24	1987	3.81	0	0	2.98	0.78	0	0	0	0.7	0.2	0	0	9821.9	-0.03
276	24	1987	0	0	0	1.74	0.7	0	0	0	-1.9	0.2	0	0	9823.6	-0.02
277	24	1987	0	0	0	2.3	0.97	0	0	0	-2.4	0.2	0	0	9825.9	-0.03
278	24	1987	0	0	0	2.12	1.49	0	0	0	-2.3	0.2	0	0	9828	0
279	24	1987	10.41	0	0	2.03	0.32	0	0	0	8.2	0.2	0	0	9830.1	0.03
280	24	1987	5.33	0	0	2.23	0.22	0	0	0	3.0	0.2	0	0	9832.3	-0.02
281	24	1987	3.81	0	0	2.68	0.26	0	0	0	1.0	0.1	0	0	9835	-0.02
282	24	1987	0	0	0	2.28	1.24	0	0	0	-2.4	0.1	0	0	9837.2	-0.01
283	24	1987	2.03	0	0	2.01	0.36	0	0	0	-0.1	0.1	0	0	9839.3	-0.01
284	24	1987	11.18	0.58	0	1.43	0	0	0	0	9.1	0.1	0	0	9840.7	-0.02
285	24	1987	0	0	0	1.52	0.39	0	0	0	-1.1	0.1	0	0	9842.2	0
286	24	1987	0	0	0	1.41	0.9	0	0	0	-1.5	0.1	0	0	9843.6	-0.01
287	24	1987	0	0	0	1.3	0.89	0	0	0	-1.4	0.1	0	0	9844.9	-0.01
288	24	1987	0	0	0	1.81	1.52	0	0	0	-2.0	0.1	0	0	9846.7	-0.01
289	24	1987	0	0	0	1.31	1.09	0	0	0	-1.4	0.1	0	0	9848	-0.02
290	24	1987	0	0	0	2.29	1.8	0	0	0	-2.4	0.1	0	0	9850.3	-0.03
291	24	1987	0	0	0	1.66	1.15	0	0	0	-1.8	0.1	0	0	9852	-0.01
292	24	1987	0	0	0	1.16	0.89	0	0	0	-1.3	0.1	0	0	9853.1	-0.02
293	24	1987	3.81	0.55	0	1.52	0.09	0	0	0	1.6	0.1	0	0	9854.7	-0.01
294	24	1987	1.78	0	0	2.39	0.17	0	0	0	-0.2	0.1	0	0	9857	-0.02
295	24	1987	4.57	0.71	0	1.45	0	0	0	0	2.3	0.1	0	0	9858.5	0
296	24	1987	3.05	0.72	0	1.38	0	0	0	0	1.5	0.1	0	0	9859.9	-0.01
297	24	1987	3.81	0.22	0	2.02	0	0	0	0	2.2	0.1	0	0	9861.9	0.01
298	24	1987	0.51	0	0	1.99	0.68	0	0	0	-1.4	0.1	0	0	9863.9	-0.02
299	24	1987	0	0	0	0.97	0.61	0	0	0	-1.1	0.1	0	0	9864.9	-0.02
300	24	1987	16.26	0.32	0	1.94	0.07	0	0	0	13.9	0.1	0	0	9866.8	-0.01
301	24	1987	4.83	0.9	0	1.23	0	0	0	0	2.9	0.1	0	0	9868	-0.01
302	24	1987	4.32	1.28	0	0.9	0	0	0	0	2.9	0.1	0	0	9868.9	0
303	24	1987	0	0	0	1.82	0.22	0	0	0	-0.7	0.1	0	0	9870.7	-0.02
304	24	1987	0	0	0	0.95	0.8	0	0	0	-1.1	0.1	0	0	9871.7	-0.01
305	24	1987	0	0	0	1.42	1.28	0	0	0	-1.5	0.1	0	0	9873.1	-0.02
306	24	1987	0	0	0	0.77	0.6	0	0	0	-0.9	0.1	0	0	9873.9	-0.02
307	24	1987	4.06	1.51	0	0.5	0.04	0	0	0	1.9	0.1	0	0	9874.4	0
308	24	1987	0	0	0	2.23	0.62	0	0	0	-0.8	0.1	0	0	9876.6	-0.02
309	24	1987	4.06	0	0	2.98	0.38	0	0	0	1.0	0.1	0	0	9879.6	-0.04
310	24	1987	1.52	0	0.57	1.87	0	0	0	0	-0.4	0.1	0	0	9881.5	-0.03
311	24	1987	2.54	0.56	0	1.35	0	0	0	0	0.5	0.1	0	0	9882.8	0
312	24	1987	1.52	0.62	0	1.02	0	0	0	0	0.3	0.1	0	0	9883.8	0
313	24	1987	6.6	1.49	0	0.63	0	0	0	0	5.0	0.1	0	0	9884.5	0
314	24	1987	0	0.06	0	1.94	0	0	0	0	-0.6	0.1	0	0	9886.4	0.01
315	24	1987	0	0	0	0.48	0	0	0	0	-0.5	0.1	0	0	9886.9	0
316	24	1987	0	0	0	0.25	0	0	0	0	-0.4	0.1	0	0	9887.1	0.01
317	24	1987	0	0	0	1	0.95	0	0	0	-1.1	0.1	0	0	9888.1	0
318	24	1987	0.25	0	0	0.77	0.42	0	0	0	-0.6	0.1	0	0	9888.9	-0.04
319	24	1987	0	0	0	0.97	0.84	0	0	0	-1.1	0.1	0	0	9889.9	-0.02
320	24	1987	0	0	0	1.16	1.07	0	0	0	-1.3	0.1	0	0	9891	-0.01
321	24	1987	0.25	0	0	1.6	1.45	0	0	0	-1.5	0.1	0	0	9892.6	0
322	24	1987	3.81	0	0	2.46	0.21	0	0	0	1.3	0.1	0	0	9895.1	-0.04
323	24	1987	0	0	0	1.46	0.86	0	0	0	-1.6	0.1	0	0	9896.5	-0.03
324	24	1987	1.78	0	0.37	1.69	0.04	0	0	0	0.0	0.1	0	0	9898.2	-0.02
325	24	1987	4.06	1.28	0	1.22	0	0	2.38	0	-0.9	0.1	0	0	9899.5	-0.01
326	24	1987	0	0.39	0	0.92	0	0	0.22	0	-0.4	0.1	0	0	9900.4	0
327	24	1987	0	0	1.96	1.01	0.58	0	-1.81	0	1.1	0.1	0	0	9901.4	0
328	24	1987	0	0	0.7	0.55	0.58	0	-0.79	0	0.1	0.1	0	0	9901.9	-0.01
329	24	1987	2.79	0.91	0	0.86	0.06	0	0	0	0.9	0.1	0	0	9902.8	-0.01
330	24	1987	2.03	0.75	0	1.35	0	0	0	0	0.7	0.1	0	0	9904.2	0
331	24	1987	0	0.18	0	0.7	0	0	0	0	-0.3	0.1	0	0	9904.9	0
332	24	1987	0	0	0	0.67	0.3	0	0	0	-0.6	0.1	0	0	9905.5	-0.01
333	24	1987	40.13	1.2	0	0.76	0	0	0	0	38.0	0.1	0	0	9906.3	0.01
334	24	1987	1.27	1.48	0	0.48	0	0	0	0	0.4	0.1	0	0	9906.8	-0.01
335	24	1987	1.52	1.56	0	0.45	0	0	0	0	0.9	0.1	0	0	9907.2	0
336	24	1987	3.56	1.27	1.79	0.8	0	0	1.53	0	1.4	0.1	0	0	9908	0
337	24	1987	0.51	0.73	1.33	0.97	0	0	-1.53	0	1.5	0.1	0	0	9909	0
338	24	1987	2.29	1.26	0.71	0.62	0	0	0.69	0	0.3	0.1	0	0	9909.6	0
339	24	1987	1.78	1.33	0.36	0.55	0	0	1.11	0	-0.1	0.1	0	0	9910.1	0
340	24	1987	0	0.73	0.27	0.69	0	0	-0.04	0	-0.2	0.1	0	0	9910.8	0
341	24	1987	0	0.1	0.39	0.68	0	0	-0.06	0	-0.1	0.1	0	0	9911.5	0
342	24	1987	0	0	0.94	0.16	0	0	-0.79	0	0.6	0.1	0	0	9911.7	0
343	24	1987	4.57	1.13	3.37	0.74	0.05	0	-0.91	0	3.5	0.1	0	0	9912.4	0
344	24	1987	0	0.52	0	0.6	0	0	0	0	-0.1	0.1	0	0	9913	0
345	24	1987	0	0	0	0.74	0.15	0	0	0	-0.3	0.1	0	0	9913.8	-0.01
346	24	1987	3.56	0.99	0	0.9	0	0	0	0	1.6	0.1	0	0	9914.7	0
347	24	1987	1.02	0.01	0	1.76	0	0	0	0	0.1	0.1	0	0	9916.4	0
348	24	1987	0	0	0	0.25	0	0	0	0	-0.4	0.1	0	0	9916.7	-0.01
349	24	1987	10.92	1.13	0	0.87	0	0	0	0	8.8	0.1	0	0	9917.5	0
350	24	1987	3.05	0.94	0.57	0.97	0	0	1.87	0	0.3	0.1	0	0	9918.5	-0.01
351	24	1987	1.27	1.16	0.02	0.58	0	0	0.77	0	-0.4	0.1	0	0	9919.1	0
352	24	1987	0.51	0.92	0	0.6	0	0	0.45	0	-0.4	0.1	0	0	9919.7	0
353	24	1987	0	0.28	0.65	0.68	0	0	-0.48	0	0.3	0.1	0	0	9920.4	0
354	24	1987	8.89	0.67	9	1.11	0	0	-1.48	0	8.8	0.1	0	0	9921.5	0
355	24	1987	0	0	0.88	0.7	0	0	-1.13	0	1.0	0.1	0	0	9922.2	0
356	24	1987	0	0	0	0.34	0.21	0	0	0	-0.5	0.1	0	0	9922.5	0
357	24	1987	0.25	0	0	0.6	0.35	0	0	0	-0.5	0.1	0	0	9923.1	0
358	24	1987	0	0	0	0.47	0.4	0	0	0	-0.6	0.1	0	0	9923.6	0
359	24	1987	1.02	0	0	0.62	0.02	0	0	0	0.3	0.1	0	0	9924.2	0
360	24	1987	0	0	0	0.26	0	0	0	0	-0.4	0.1	0	0	9924.5	-0.01
361	24	1987	0	0	0	0.44	0	0	0	0	-0.6	0.1	0	0	9924.9	0
362	24	1987	1.02	0	0.42	1.34	0	0	0	0	-0.4	0.1	0	0	9926.2	-0.02
363	24	1987	4.57	1.08	0	1.11	0	0	3.06	0	-0.8	0.1	0	0	9927.4	-0.01
364	24	1987	0.25	0.6	0	0.64	0	0	0.48	0	-0.5	0.1	0	0	9928	0
365	24	1987	0	0	0	0.62	0	0	0.23	0	-0.4	0.1	0	0	9928.6	-0.01
1	24	1988	0	0	0.59	0.03	0	0	-0.49	0	-0.3	0.1	0.59	0	9928.6	0.01
2	24	1988	0	0	0	0.2	0	0	0.12	0	-0.5	0.1	0	0	9928.8	0
3	24	1988	0	0	0	0.17	0	0	0.06	0	-0.4	0.1	0	0	9929	0
4	24	1988	1.02	0	0	0.64	0	0	0.6	0	-0.3	0.1	0	0	9929.7	-0.01
5	24	1988	0	0	0	0.27	0	0	0.06	0	-0.5	0.1	0	0	9929.9	0
6	24	1988	2.03	0.43	0	0.72	0	0	1.12	0	-0.4	0.1	0	0	9930.7	0
7	24	1988	0	0	0	0.52	0	0	0.16	0	-0.4	0.1	0	0	9931.2	0
8	24	1988	2.79	1.06	0	0.44	0	0	1.49	0	-0.3	0.1	0	0	9931.6	0
9	24	1988	0.25	0.29	0	0.91	0	0	0.25	0	-0.3	0.1	0	0	9932.5	0
10	24	1988	0.51	0	0	0.59	0	0	0.41	0	-0.3	0.1	0	0	9933.1	-0.01
11	24	1988	0	0	0	0.05	0	0	0.16	0	-0.3	0.1	0	0	9933.2	-0.01
12	24	1988	0	0	0.02	0.27	0.25	0	0.07	0	-0.5	0.1	0	0	9933.4	0
13	24	1988	1.27	0	0	0.76	0	0	0.67	0	-0.3	0.1	0	0	9934.2	-0.01
14	24	1988	0.25	0	0	0.27	0	0	0.27	0	-0.4	0.1	0	0	9934.5	0
15	24	1988	0	0	0	0.06	0	0	0.13	0	-0.3	0.2	0	0	9934.5	0
16	24	1988	0	0	0.01	0.04	0	0	-0.01	0	-0.2	0.2	0	0	9934.6	0.01
17	24	1988	0.51	0	1.11	0.7	0.41	0	-0.95	0	0.6	0.2	0	0	9935.3	0
18	24	1988	12.19	1.03	12.87	0.53	0	0	-2.29	0	1.0	0.2	11.74	0	9935.8	0
19	24	1988	0	0.48	0.67	0.55	0	0	-0.67	0	0.4	0.2	0.12	0	9936.3	0
20	24	1988	10.16	1.01	10.9	0.6	0	0	-1.9	0	0.3	0.2	10.45	0	9936.9	0
21	24	1988	0.51	0.47	0.6	0.88	0	0	-0.35	0	-0.1	0.2	0.47	0	9937.8	0
22	24	1988	0	0	0	0.64	0	0	0.16	0	-0.5	0.2	0	0	9938.5	-0.01
23	24	1988	0	0	0	0.06	0	0	0.1	0	-0.3	0.2	0	0	9938.5	0
24	24	1988	0	0	0.26	0.51	0.48	0	-0.22	0	-0.5	0.2	0	0	9939	0
25	24	1988	2.29	0.46	0.16	0.83	0	0	0.93	0	-0.2	0.2	0.09	0	9939.9	0
26	24	1988	3.81	0.69	0	0.95	0	0	2.81	0	-0.4	0.2	0	0	9940.8	0
27	24	1988	0.25	0.12	0	0.77	0	0	0.26	0	-0.4	0.2	0	0	9941.6	0
28	24	1988	0.25	0	0	0.34	0	0	0.21	0	-0.3	0.2	0	0	9941.9	0
29	24	1988	0	0	0	0.03	0	0	0.13	0	-0.3	0.2	0	0	9941.9	0
30	24	1988	0	0	2.69	0.84	0.85	0	-2.69	0	-0.2	0.2	1.92	0	9942.8	0
31	24	1988	0	0	3.9	1.17	1.2	0	-4.36	0	-0.9	0.2	3.91	0	9943.9	0
32	24	1988	2.54	0.86	0	0.55	0.03	0	0	0	1.0	0.2	0	0	9944.5	-0.01
33	24	1988	4.57	0.78	0.79	1.11	0	0	3.17	0	0.2	0.2	0	0	9945.6	0
34	24	1988	3.05	0.97	0	0.62	0	0	2.51	0	-0.5	0.2	0	0	9946.2	0
35	24	1988	9.91	0.53	0	0.62	0	0	9.87	0	-0.3	0.2	0	0	9946.9	0
36	24	1988	0	0	0	0.55	0	0	0.11	0	-0.3	0.2	0	0	9947.4	0
37	24	1988	0	0	0	0.1	0	0	0.05	0	-0.3	0.2	0	0	9947.5	0
38	24	1988	0	0	0	0.09	0	0	0.06	0	-0.3	0.2	0	0	9947.6	0
39	24	1988	3.81	0.58	0	0.64	0	0	2.7	0	-0.3	0.2	0	0	9948.2	0
40	24	1988	2.03	0.3	0	0.91	0	0	1.49	0	-0.3	0.2	0	0	9949.1	0
41	24	1988	0.25	0	0	0.43	0	0	0.21	0	-0.3	0.2	0	0	9949.6	0
42	24	1988	0.25	0	0	0.17	0	0	0.19	0	-0.3	0.2	0	0	9949.7	0
43	24	1988	8.89	0.4	0	0.61	0	0	7.94	0	-0.2	0.2	0	0	9950.4	0
44	24	1988	2.54	0.29	0	0.96	0	0	1.74	0	-0.2	0.2	0	0	9951.3	0
45	24	1988	0.51	0	0	0.57	0	0	0.27	0	-0.2	0.2	0	0	9951.9	0
46	24	1988	5.33	0	3.84	1.17	0.09	0	0.38	0	3.6	0.2	0	0	9953.1	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
47	24	1988	0	0	0.54	0.14	0	0	-0.68	0	-0.2	0.2	0.53	0	9953.2	-0.01
48	24	1988	0	0	1.49	0.36	0.36	0	-1.49	0	-0.6	0.2	1.49	0	9953.6	0
49	24	1988	0	0	2.07	0	0	0	-2.06	0	-0.2	0.2	2.07	0	9953.6	0
50	24	1988	2.29	0	1.1	1.21	0.17	0	0.17	0	-0.4	0.2	1.1	0	9954.8	-0.01
51	24	1988	0.25	0	2.28	0.61	0.5	0	-2.13	0	-0.7	0.2	2.28	0	9955.4	0
52	24	1988	0.76	0	0	0.62	0	0	0.21	0	-0.3	0.2	0	0	9956	0
53	24	1988	0	0	0.35	0.76	0.65	0	-0.45	0	-0.8	0.2	0.35	0	9956.8	0
54	24	1988	3.05	0.15	1.68	1.17	0	0	0.02	0	-0.2	0.2	1.68	0	9957.9	0
55	24	1988	0.51	0	0.05	0.54	0	0	0.1	0	-0.2	0.2	0.05	0	9958.5	0
56	24	1988	0	0	0.21	0.17	0	0	-0.36	0	-0.2	0.2	0.21	0	9958.7	0
57	24	1988	2.54	0	0.07	1.35	0	0	1.14	0	-0.2	0.2	0.07	0	9960	0
58	24	1988	1.02	0	0	0.55	0	0	0.48	0	-0.2	0.2	0	0	9960.6	0
59	24	1988	0	0	0.1	0.11	0	0	-0.2	0	-0.2	0.2	0.1	0	9960.7	0
60	24	1988	0	0	0.26	0.08	0	0	-0.35	0	-0.2	0.2	0.26	0	9960.8	0
61	24	1988	0	0	0	0.39	0	0	-0.35	0	-0.2	0.2	0	0	9961.1	-0.01
62	24	1988	0	0	0.07	0.97	0.82	0	-0.22	0	-1.0	0.2	0.07	0	9962.1	0
63	24	1988	0.51	0	0.06	0.32	0	0	0.12	0	-0.2	0.2	0.06	0	9962.4	0
64	24	1988	0.51	0	0	0.45	0	0	0.08	0	-0.2	0.2	0	0	9962.9	0
65	24	1988	0	0	0	0.24	0	0	-0.22	0	-0.2	0.2	0	0	9963.1	0
66	24	1988	0	0	1.15	0.81	0.64	0	-1.32	0	-0.8	0.2	1.13	0	9963.9	0
67	24	1988	0	0	3.9	0.86	0.83	0	-3.92	0	-0.2	0.2	3.1	0	9964.8	0.01
68	24	1988	0	0	3.92	1.04	0.95	0	-3.97	0	-0.3	0.2	3.09	0	9965.8	-0.01
69	24	1988	7.37	0	10.75	1.62	0.26	0	-4.75	0	0.2	0.2	10.09	0	9967.5	0.01
70	24	1988	0.25	0	2.22	0.26	0	0	-2.2	0	0.3	0.2	1.7	0	9967.7	0
71	24	1988	0	0	1.44	0.14	0	0	-1.56	0	-0.1	0.2	1.36	0	9967.8	0.01
72	24	1988	0	0	1.57	0.82	0.65	0	-1.7	0	-0.1	0.2	0.84	0	9968.7	0
73	24	1988	0.25	0	2.95	1.12	0.92	0	-5.07	0	-0.2	0.2	4.18	0	9969.8	0
74	24	1988	0.25	0	0.12	0.77	0	0	0	0	-0.7	0.2	0	0	9970.6	0.01
75	24	1988	1.02	0	0.5	1.16	0	0	0	0	-0.8	0.2	0	0.5	9971.7	-0.01
76	24	1988	0.76	0	0	0.73	0	0	0	0	0.4	0.2	0	0	9972.4	0
77	24	1988	0	0	0	0.57	0	0	0	0	-0.7	0.2	0	0	9973	-0.01
78	24	1988	1.02	0	0.09	0.77	0	0	0	0	0.1	0.2	0	0	9973.8	0
79	24	1988	0.51	0	0.25	1.16	0	0	0	0	-1.1	0.2	0	0.25	9974.9	0
80	24	1988	1.78	0	0	1.54	0	0	1.25	0	-0.9	0.2	0	0	9976.5	-0.01
81	24	1988	0	0	0	0.25	0	0	0.3	0	-0.7	0.2	0	0	9976.7	0
82	24	1988	0	0	1.03	0.15	0	0	-0.75	0	0.4	0.2	0	0	9976.9	0
83	24	1988	0	0	0.46	1.75	1.68	0	-0.8	0	-1.1	0.2	0	0	9978.6	0
84	24	1988	7.62	0.39	0	1.03	0.06	0	0	0	6.0	0.2	0	0	9979.7	0.01
85	24	1988	11.43	0	0	2.47	1.06	0	0	0	1.1	0.2	8.1	0	9982.1	-0.03
86	24	1988	6.1	0	0	2.28	0.86	0	0	0	3.7	0.2	0	0	9984.4	-0.01
87	24	1988	6.1	0	0	2.8	0.54	0	0	0	3.2	0.2	0	0	9987.2	-0.03
88	24	1988	0	0	0	1.11	0.32	0	0	0	-1.3	0.2	0	0	9988.3	-0.02
89	24	1988	0	0	0	1.55	1.46	0	0	0	-1.7	0.2	0	0	9989.9	0
90	24	1988	0	0	0	1.85	1.67	0	0	0	-2.0	0.2	0	0	9991.7	0
91	24	1988	0	0	0	1.23	0.81	0	0	0	-1.4	0.2	0	0	9992.9	-0.01
92	24	1988	1.02	0	0	1.28	0.42	0	0	0	-0.4	0.2	0	0	9994.2	0
93	24	1988	0	0	0	2.03	1.42	0	0	0	-2.2	0.2	0	0	9996.2	-0.01
94	24	1988	14.99	0.07	0	1.36	0.09	0	0	0	13.4	0.2	0	0	9997.6	0.01
95	24	1988	5.59	0	0	2.29	0.49	0	0	0	3.2	0.2	0	0	9999.9	-0.04
96	24	1988	0.25	0	0	1.67	0.76	0	0	0	-1.6	0.2	0	0	10001.6	-0.03
97	24	1988	0	0	0	2.43	2.01	0	0	0	-2.6	0.2	0	0	10004	-0.03
98	24	1988	0	0	0	2.17	1.39	0	0	0	-2.3	0.2	0	0	10006.2	-0.01
99	24	1988	5.84	0	0	3	0.33	0	0	0	2.7	0.2	0	0	10009.2	-0.02
100	24	1988	0.51	0	0	1.39	0	0	0	0	-1.0	0.2	0	0	10010.6	-0.01
101	24	1988	0	0	0	1.86	0.85	0	0	0	-2.0	0.2	0	0	10012.4	-0.01
102	24	1988	0	0	0	1.86	1.21	0	0	0	-2.0	0.2	0	0	10014.3	-0.01
103	24	1988	0	0	0	2.82	1.63	0	0	0	-3.0	0.2	0	0	10017.1	-0.01
104	24	1988	0	0	0	1.55	1.11	0	0	0	-1.7	0.2	0	0	10018.6	0
105	24	1988	0.76	0	0	4.03	1.89	0	0	0	-3.4	0.2	0	0	10022.7	-0.01
106	24	1988	0.76	0	0	1.96	0.59	0	0	0	-1.4	0.2	0	0	10024.6	-0.02
107	24	1988	1.52	0	0	2.58	0.39	0	0	0	-1.2	0.2	0	0	10027.2	-0.02
108	24	1988	0	0	0	2.96	1.99	0	0	0	-3.1	0.2	0	0	10030.2	0.01
109	24	1988	1.52	0	0	3.07	1.22	0	0	0	-1.7	0.2	0	0	10033.2	-0.02
110	24	1988	1.02	0	0	3.13	0.67	0	0	0	-2.3	0.2	0	0	10036.4	-0.01
111	24	1988	1.02	0	0	3.59	1.28	0	0	0	-2.7	0.2	0	0	10040	-0.01
112	24	1988	2.54	0	0	3.9	0.73	0	0	0	-1.5	0.2	0	0	10043.9	0
113	24	1988	0	0	0	3.15	1.44	0	0	0	-3.3	0.2	0	0	10047	0
114	24	1988	3.81	0	0	2.55	0.36	0	0	0	1.1	0.2	0	0	10049.6	0
115	24	1988	0.25	0	0	3.5	1.41	0	0	0	-3.4	0.2	0	0	10053.1	-0.02
116	24	1988	0	0	0	3.61	1.59	0	0	0	-3.8	0.2	0	0	10056.7	-0.01
117	24	1988	0	0	0	4.1	2.08	0	0	0	-4.3	0.2	0	0	10060.8	-0.01
118	24	1988	16.51	0	0	2.69	0.71	0	0	0	13.7	0.2	0	0	10063.5	-0.03
119	24	1988	0	0	0	3.56	1.58	0	0	0	-3.7	0.2	0	0	10067	-0.01
120	24	1988	10.67	0.27	0	1.69	0.03	0	0	0	8.5	0.2	0	0	10068.7	0
121	24	1988	0	0	0	2.38	0.85	0	0	0	-2.3	0.2	0	0	10071.1	-0.01
122	24	1988	0	0	0	1.88	1.15	0	0	0	-2.0	0.2	0	0	10073	-0.02
123	24	1988	0	0	0	1.62	1.07	0	0	0	-1.8	0.2	0	0	10074.6	-0.01
124	24	1988	0	0	0	1.89	1.13	0	0	0	-2.0	0.2	0	0	10076.5	-0.02
125	24	1988	0	0	0	4.18	2.18	0	0	0	-4.3	0.2	0	0	10080.7	-0.01
126	24	1988	0.25	0	0	2.09	1.34	0	0	0	-2.0	0.2	0	0	10082.8	-0.02
127	24	1988	0.51	0	0	2.48	1.51	0	0	0	-2.2	0.2	0	0	10085.2	0.01
128	24	1988	0	0	0	2.57	1.61	0	0	0	-2.7	0.2	0	0	10087.8	-0.02
129	24	1988	0	0	0	2.4	1.79	0	0	0	-2.6	0.2	0	0	10090.2	-0.01
130	24	1988	0.51	0	0	5.2	2.8	0	0	0	-4.9	0.2	0	0	10095.4	0
131	24	1988	5.84	0	0	2.5	0.75	0	0	0	3.2	0.2	0	0	10097.9	0.01
132	24	1988	0	0	0	1.86	0.83	0	0	0	-2.0	0.2	0	0	10099.8	-0.02
133	24	1988	0	0	0	2.36	1.59	0	0	0	-2.5	0.2	0	0	10102.1	-0.01
134	24	1988	4.57	0	0	5.08	2.16	0	0	0	-0.7	0.2	0	0	10107.2	-0.03
135	24	1988	0	0	0	3.36	1.68	0	0	0	-3.6	0.2	0	0	10110.6	0.02
136	24	1988	0	0	0	4.9	2.84	0	0	0	-5.1	0.2	0	0	10115.5	-0.01
137	24	1988	5.84	0	0	2.83	0.89	0	0	0	2.8	0.2	0	0	10118.3	-0.01
138	24	1988	0	0	0	3.92	1.66	0	0	0	-4.1	0.2	0	0	10122.2	-0.01
139	24	1988	5.08	0	0	4.07	0.78	0	0	0	0.8	0.2	0	0	10126.3	-0.01
140	24	1988	24.13	0	0	3.87	0.79	0	0	0	20.1	0.2	0	0	10130.2	0
141	24	1988	19.56	0	0	3.91	1.2	0	0	0	15.5	0.2	0	0	10134.1	-0.01
142	24	1988	11.18	0	0	4.36	1.21	0	0	0	6.6	0.2	0	0	10138.4	-0.01
143	24	1988	0	0	0	4.87	2.33	0	0	0	-5.1	0.2	0	0	10143.3	-0.01
144	24	1988	0	0	0	2.4	1.52	0	0	0	-2.6	0.2	0	0	10145.7	-0.01
145	24	1988	0	0	0	3.58	1.67	0	0	0	-3.7	0.2	0	0	10149.3	-0.02
146	24	1988	0	0	0	3.93	1.5	0	0	0	-4.1	0.2	0	0	10153.2	-0.02
147	24	1988	0	0	0	3.12	1.7	0	0	0	-3.3	0.2	0	0	10156.3	0
148	24	1988	0	0	0	3.21	2.21	0	0	0	-3.4	0.2	0	0	10159.5	-0.02
149	24	1988	0	0	0	5.67	2.9	0	0	0	-5.9	0.2	0	0	10165.2	-0.01
150	24	1988	0	0	0	5.17	2.59	0	0	0	-5.4	0.2	0	0	10170.4	-0.01
151	24	1988	0	0	0	3.7	2.3	0	0	0	-3.9	0.2	0	0	10174.1	-0.02
152	24	1988	0	0	0	3.64	2.15	0	0	0	-3.8	0.2	0	0	10177.7	-0.01
153	24	1988	3.56	0	0	3.16	0.59	0	0	0	0.2	0.2	0	0	10180.9	-0.01
154	24	1988	0	0	0	3.3	1.54	0	0	0	-3.5	0.2	0	0	10184.2	0
155	24	1988	1.27	0	0	4.91	1.67	0	0	0	-3.8	0.2	0	0	10189.1	-0.01
156	24	1988	0	0	0	3.52	1.82	0	0	0	-3.7	0.2	0	0	10192.6	-0.01
157	24	1988	0	0	0	5.05	2.94	0	0	0	-5.2	0.2	0	0	10197.7	-0.04
158	24	1988	0.51	0	0	4.42	2.01	0	0	0	-4.1	0.2	0	0	10202.1	0.02
159	24	1988	0	0	0	4.02	1.74	0	0	0	-4.2	0.2	0	0	10206.1	-0.02
160	24	1988	0	0	0	4.4	2.01	0	0	0	-4.6	0.2	0	0	10210.5	-0.01
161	24	1988	0	0	0	3.32	1.74	0	0	0	-3.5	0.2	0	0	10213.8	0
162	24	1988	0	0	0	2.61	1.8	0	0	0	-2.8	0.2	0	0	10216.4	-0.01
163	24	1988	0	0	0	3.87	3.44	0	0	0	-4.1	0.2	0	0	10220.3	-0.01
164	24	1988	0	0	0	4.02	3.97	0	0	0	-4.2	0.2	0	0	10224.3	0
165	24	1988	0	0	0	2.13	2.34	0	0	0	-2.3	0.2	0	0	10226.5	0
166	24	1988	0	0	0	2.1	2.16	0	0	0	-2.3	0.2	0	0	10228.6	-0.01
167	24	1988	0	0	0	2.03	1.97	0	0	0	-2.2	0.2	0	0	10230.6	-0.01
168	24	1988	0	0	0	2.06	1.96	0	0	0	-2.3	0.2	0	0	10232.6	-0.01
169	24	1988	0.51	0	0	2.31	1.74	0	0	0	-2.0	0.2	0	0	10235	-0.01
170	24	1988	0	0	0	1.64	1.56	0	0	0	-1.8	0.2	0	0	10236.6	0
171	24	1988	0	0	0	2.12	1.9	0	0	0	-2.3	0.2	0	0	10238.7	-0.01
172	24	1988	0	0	0	1.1	1.21	0	0	0	-1.3	0.2	0	0	10239.8	0
173	24	1988	0	0	0	1.14	1.11	0	0	0	-1.3	0.2	0	0	10241	-0.01
174	24	1988	32.77	0	0	4.15	1.78	0	0	0	28.4	0.2	0	0	10245.1	-0.01
175	24	1988	4.06	0	0	5.57	1.47	0	0	0	-1.7	0.2	0	0	10250.7	-0.02
176	24	1988	0	0	0	4.84	2.07	0	0	0	-5.0	0.2	0	0	10255.5	-0.01
177	24	1988	5.33	0	0	6.13	2.43	0	0	0	-1.0	0.2	0	0	10261.6	0.01
178	24	1988	0	0	0	5.08	1.79	0	0	0	-5.3	0.2	0	0	10266.7	-0.02
179	24	1988	0	0	0	4.69	2	0	0	0	-4.9	0.2	0	0	10271.4	-0.02
180	24	1988	4.32	0	0	5.37	1.66	0	0	0	-1.3	0.2	0	0	10276.8	0
181	24	1988	0	0	0	4.83	1.77	0	0	0	-5.0	0.2	0	0	10281.6	-0.01
182	24	1988	10.16	0	0	4.76	0.91	0	0	0	5.2	0.2	0	0	10286.4	0
183	24	1988	1.52	0	0	4.97	1.49	0	0	0	-3.6	0.2	0	0	10291.4	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
184	24	1988	0	0	0	5.26	2.13	0	0	0	-5.5	0.2	0	0	10296.6	-0.01
185	24	1988	0	0	0	4.8	2.3	0	0	0	-5.0	0.2	0	0	10301.4	-0.01
186	24	1988	0	0	0	1.8	1.69	0	0	0	-2.0	0.2	0	0	10303.2	0
187	24	1988	0	0	0	2.09	1.92	0	0	0	-2.3	0.2	0	0	10305.3	-0.01
188	24	1988	0	0	0	2.42	2.17	0	0	0	-2.6	0.2	0	0	10307.7	-0.02
189	24	1988	0	0	0	1.39	1.49	0	0	0	-1.6	0.2	0	0	10309.1	-0.01
190	24	1988	0	0	0	1.5	1.48	0	0	0	-1.7	0.2	0	0	10310.6	-0.03
191	24	1988	0	0	0	1.28	1.2	0	0	0	-1.5	0.2	0	0	10311.9	-0.02
192	24	1988	0	0	0	0.85	0.88	0	0	0	-1.0	0.2	0	0	10312.7	0
193	24	1988	19.3	0	0	5.83	1.92	0	0	0	13.3	0.2	0	0	10318.6	-0.02
194	24	1988	0	0	0	4.69	2.37	0	0	0	-4.9	0.2	0	0	10323.3	-0.02
195	24	1988	0	0	0	3.41	1.42	0	0	0	-3.6	0.2	0	0	10326.7	-0.03
196	24	1988	13.97	0	0	5.8	1.95	0	0	0	8.0	0.2	0	0	10332.5	-0.02
197	24	1988	0	0	0	5.3	2.55	0	0	0	-5.5	0.2	0	0	10337.8	-0.02
198	24	1988	0.51	0	0	3.34	1.9	0	0	0	-3.0	0.2	0	0	10341.1	-0.02
199	24	1988	16.76	0	0	4.77	1.3	0	0	0	11.8	0.2	0	0	10345.9	-0.01
200	24	1988	0	0	0	5.56	3.43	0	0	0	-5.7	0.2	0	0	10351.5	-0.03
201	24	1988	11.43	0	0	4.91	1.57	0	0	0	6.4	0.2	0	0	10356.4	-0.02
202	24	1988	0	0	0	1.97	1.45	0	0	0	-2.1	0.2	0	0	10358.3	-0.04
203	24	1988	39.88	0	0	2.94	0.27	0	0	0	36.8	0.2	0	0	10361.3	-0.04
204	24	1988	0	0	0	2.94	2.25	0	0	0	-3.1	0.2	0	0	10364.2	-0.05
205	24	1988	21.59	0	0	5.47	2.15	0	0	0	16.0	0.2	0	0	10369.7	-0.02
206	24	1988	0	0	0	4.98	3.17	0	0	0	-5.2	0.2	0	0	10374.7	-0.02
207	24	1988	0	0	0	5.54	3.71	0	0	0	-5.7	0.2	0	0	10380.2	-0.02
208	24	1988	17.78	0	0	5.34	1.89	0	0	0	12.3	0.2	0	0	10385.5	-0.02
209	24	1988	0	0	0	4.42	3.16	0	0	0	-4.6	0.2	0	0	10390	-0.04
210	24	1988	0	0	0	2.97	2.41	0	0	0	-3.1	0.2	0	0	10392.9	-0.03
211	24	1988	0	0	0	5.87	4.23	0	0	0	-6.0	0.2	0	0	10398.8	-0.02
212	24	1988	0.76	0	0	5.54	3.68	0	0	0	-4.9	0.2	0	0	10404.3	-0.04
213	24	1988	1.78	0	0	5.7	2.91	0	0	0	-4.0	0.2	0	0	10410	-0.05
214	24	1988	0	0	0	5.41	3.91	0	0	0	-5.6	0.2	0	0	10415.4	-0.04
215	24	1988	0	0	0	3.17	2.67	0	0	0	-3.3	0.2	0	0	10418.6	-0.02
216	24	1988	0	0	0	4.4	3.56	0	0	0	-4.6	0.2	0	0	10423	-0.02
217	24	1988	0	0	0	3.78	3.1	0	0	0	-3.9	0.2	0	0	10426.8	-0.02
218	24	1988	3.56	0	0	4.93	1.85	0	0	0	-1.6	0.2	0	0	10431.7	0.01
219	24	1988	0.25	0	0	4.9	3.36	0	0	0	-4.8	0.2	0	0	10436.6	-0.04
220	24	1988	0	0	0	3.07	2.21	0	0	0	-3.2	0.2	0	0	10439.7	-0.03
221	24	1988	0	0	0	3.74	2.91	0	0	0	-3.9	0.2	0	0	10443.4	-0.03
222	24	1988	0	0	0	4.91	3.68	0	0	0	-5.0	0.2	0	0	10448.3	-0.04
223	24	1988	0	0	0	4.5	3.04	0	0	0	-4.7	0.2	0	0	10452.8	-0.03
224	24	1988	0	0	0	3.17	2.42	0	0	0	-3.3	0.2	0	0	10456	-0.02
225	24	1988	0	0	0	2.33	1.91	0	0	0	-2.5	0.2	0	0	10458.3	-0.04
226	24	1988	0	0	0	2.87	2.02	0	0	0	-3.0	0.2	0	0	10461.2	-0.05
227	24	1988	0	0	0	2.86	1.82	0	0	0	-3.0	0.2	0	0	10464.1	-0.03
228	24	1988	2.54	0	0	3.61	0.96	0	0	0	-1.2	0.2	0	0	10467.7	-0.03
229	24	1988	0	0	0	1.47	1.06	0	0	0	-1.6	0.2	0	0	10469.1	-0.04
230	24	1988	1.02	0	0	1.84	0.85	0	0	0	-1.0	0.2	0	0	10471	-0.03
231	24	1988	0	0	0	1	0.75	0	0	0	-1.1	0.2	0	0	10472	-0.05
232	24	1988	0	0	0	0.86	0.69	0	0	0	-1.0	0.2	0	0	10472.9	-0.04
233	24	1988	0	0	0	0.77	0.7	0	0	0	-0.9	0.2	0	0	10473.6	-0.03
234	24	1988	0.25	0	0	0.88	0.58	0	0	0	-0.8	0.2	0	0	10474.5	-0.03
235	24	1988	0	0	0	0.77	0.6	0	0	0	-0.9	0.2	0	0	10475.3	-0.03
236	24	1988	19.05	0	0	3.19	0.2	0	0	0	15.7	0.2	0	0	10478.5	-0.05
237	24	1988	17.78	0	0	5	1.44	0	0	0	12.6	0.2	0	0	10483.5	0
238	24	1988	8.64	0	0	5.67	1.98	0	0	0	2.9	0.2	0	0	10489.1	-0.05
239	24	1988	0.76	0	0	4.93	3.5	0	0	0	-4.3	0.2	0	0	10494.1	-0.06
240	24	1988	3.05	0	0	3.87	1.2	0	0	0	-0.9	0.2	0	0	10497.9	-0.04
241	24	1988	29.72	0	0	4.49	1.19	0	0	0	25.1	0.2	0	0	10502.4	-0.03
242	24	1988	9.14	1.49	0	2.02	0.12	0	0	0	5.5	0.2	0	0	10504.5	-0.04
243	24	1988	0	0	0	3.93	1.9	0	0	0	-2.6	0.2	0	0	10508.4	-0.03
244	24	1988	0	0	0	3.74	3.04	0	0	0	-3.8	0.2	0	0	10512.1	-0.05
245	24	1988	0	0	0	2.1	1.69	0	0	0	-2.2	0.2	0	0	10514.2	-0.05
246	24	1988	0	0	0	4.51	3.77	0	0	0	-4.6	0.2	0	0	10518.7	-0.05
247	24	1988	0	0	0	4.19	3.51	0	0	0	-4.3	0.2	0	0	10522.9	-0.02
248	24	1988	9.4	0	0	4.36	1.02	0	0	0	4.9	0.2	0	0	10527.3	-0.02
249	24	1988	0.51	0	0	4.23	2.48	0	0	0	-3.8	0.2	0	0	10531.5	-0.05
250	24	1988	1.52	0	0	3.42	1.41	0	0	0	-2.0	0.2	0	0	10534.9	-0.04
251	24	1988	0.25	0	0	3.97	2.83	0	0	0	-3.9	0.2	0	0	10538.9	-0.01
252	24	1988	0	0	0	3.14	2.48	0	0	0	-3.3	0.2	0	0	10542	-0.03
253	24	1988	0	0	0	3.36	2.71	0	0	0	-3.5	0.2	0	0	10545.4	-0.01
254	24	1988	0	0	0	3.31	2.45	0	0	0	-3.4	0.2	0	0	10548.7	-0.02
255	24	1988	0	0	0	2.24	1.55	0	0	0	-2.4	0.2	0	0	10551	-0.04
256	24	1988	0.51	0	0	2.63	1.78	0	0	0	-2.3	0.2	0	0	10553.6	-0.03
257	24	1988	6.1	0	0	3.54	0.77	0	0	0	2.5	0.2	0	0	10557.1	-0.04
258	24	1988	0	0	0	2.62	1.85	0	0	0	-2.7	0.2	0	0	10559.8	-0.03
259	24	1988	0	0	0	2.69	1.59	0	0	0	-2.8	0.2	0	0	10562.5	-0.02
260	24	1988	0	0	0	1.56	1.05	0	0	0	-1.7	0.2	0	0	10564	-0.03
261	24	1988	5.33	0.13	0	1.8	0.08	0	0	0	3.2	0.1	0	0	10565.8	0.01
262	24	1988	0.25	0	0	3.27	2.05	0	0	0	-3.0	0.1	0	0	10569.1	0
263	24	1988	0	0	0	1.85	1.48	0	0	0	-2.0	0.1	0	0	10570.9	-0.02
264	24	1988	10.67	0	0	2.93	0.93	0	0	0	7.6	0.1	0	0	10573.9	-0.04
265	24	1988	0.51	0	0	3.24	1.31	0	0	0	-2.9	0.1	0	0	10577.1	-0.02
266	24	1988	0.51	0	0	2.22	0.98	0	0	0	-1.8	0.1	0	0	10579.3	-0.02
267	24	1988	12.19	0	0	2.12	0.37	0	0	0	10.0	0.1	0	0	10581.4	-0.05
268	24	1988	0	0	0	2.96	1.45	0	0	0	-3.1	0.1	0	0	10584.4	-0.01
269	24	1988	0	0	0	2.89	1.47	0	0	0	-3.0	0.1	0	0	10587.3	-0.02
270	24	1988	0	0	0	2.53	1.21	0	0	0	-2.7	0.1	0	0	10589.8	-0.01
271	24	1988	0	0	0	2.71	1.48	0	0	0	-2.9	0.1	0	0	10592.5	0
272	24	1988	0	0	0	2.58	1.01	0	0	0	-2.7	0.1	0	0	10595.1	-0.02
273	24	1988	0	0	0	2.25	0.97	0	0	0	-2.4	0.1	0	0	10597.4	-0.01
274	24	1988	0	0	0	2.68	1.41	0	0	0	-2.8	0.1	0	0	10600	-0.01
275	24	1988	0	0	0	2.93	1.51	0	0	0	-3.1	0.1	0	0	10603	0.01
276	24	1988	2.54	0	0	1.86	0.32	0	0	0	0.6	0.1	0	0	10604.8	-0.05
277	24	1988	1.02	0	0	1.36	0.26	0	0	0	-0.5	0.1	0	0	10606.2	-0.02
278	24	1988	0	0	0	1.97	0.73	0	0	0	-2.1	0.1	0	0	10608.2	-0.02
279	24	1988	2.79	0	0	2.5	0.36	0	0	0	0.2	0.1	0	0	10610.7	-0.02
280	24	1988	2.54	0	0	1.57	0.06	0	0	0	0.9	0.1	0	0	10612.2	-0.01
281	24	1988	0	0	0	1.53	0.53	0	0	0	-1.7	0.1	0	0	10613.8	0.01
282	24	1988	0	0	0	1.29	0.43	0	0	0	-1.4	0.1	0	0	10615	0
283	24	1988	0.25	0	0	1.07	0.31	0	0	0	-1.0	0.1	0	0	10616.1	0
284	24	1988	3.3	0	0	2.13	0.34	0	0	0	1.1	0.1	0	0	10618.3	-0.01
285	24	1988	5.84	0	0	1.83	0.2	0	0	0	3.9	0.1	0	0	10620.1	-0.03
286	24	1988	10.92	0	0	1.64	0.05	0	0	0	9.2	0.1	0	0	10621.7	-0.04
287	24	1988	0.51	0	0	1.81	0.24	0	0	0	-1.4	0.1	0	0	10623.5	-0.02
288	24	1988	0	0	0	1.6	0.52	0	0	0	-1.7	0.1	0	0	10625.1	-0.01
289	24	1988	0.51	0	0	1.99	0.65	0	0	0	-1.6	0.1	0	0	10627.1	-0.02
290	24	1988	0	0	0	1.88	0.74	0	0	0	-2.0	0.1	0	0	10629	0
291	24	1988	0	0	0	1.91	0.6	0	0	0	-2.0	0.1	0	0	10630.9	-0.01
292	24	1988	5.59	0	0	1.72	0.19	0	0	0	3.8	0.1	0	0	10632.6	-0.02
293	24	1988	0.25	0	0	1.11	0.16	0	0	0	-1.0	0.1	0	0	10633.7	-0.01
294	24	1988	0	0	0	0.92	0.16	0	0	0	-1.0	0.1	0	0	10634.6	-0.01
295	24	1988	2.54	0	0	1.43	0.09	0	0	0	1.0	0.1	0	0	10636.1	-0.01
296	24	1988	38.35	0	0	0.96	0	0	0	0	37.3	0.1	0	0	10637	-0.01
297	24	1988	2.03	0	0	1.61	0.11	0	0	0	0.3	0.1	0	0	10638.7	-0.01
298	24	1988	7.62	0	0	1.69	0.12	0	0	0	5.8	0.1	0	0	10640.3	-0.01
299	24	1988	0	0	0	1.63	0.08	0	0	0	-1.7	0.1	0	0	10642	-0.01
300	24	1988	0	0	0	1.59	0.06	0	0	0	-1.7	0.1	0	0	10643.6	-0.01
301	24	1988	0	0	0	1.48	0.06	0	0	0	-1.6	0.1	0	0	10645	0
302	24	1988	1.02	0	0	2.1	0.04	0	0	0	-1.2	0.1	0	0	10647.1	0
303	24	1988	0	0	0	2.65	0.03	0	0	0	-2.8	0.1	0	0	10649.8	0
304	24	1988	3.05	0	0	1.95	0	0	0	0	1.0	0.1	0	0	10651.7	0.01
305	24	1988	0	0	0	0.88	0	0	0	0	-1.0	0.1	0	0	10652.6	0
306	24	1988	2.03	0	0	1.2	0	0	0	0	0.7	0.1	0	0	10653.8	0
307	24	1988	27.18	0	0	0.99	0	0	0	0	26.1	0.1	0	0	10654.8	0.01
308	24	1988	0	0	0	1.58	0.01	0	0	0	-1.7	0.1	0	0	10656.4	0
309	24	1988	0	0	0	1.46	0.02	0	0	0	-1.6	0.1	0	0	10657.8	0
310	24	1988	18.54	0	0	1.6	0.01	0	0	0	16.8	0.1	0	0	10659.4	0.01
311	24	1988	11.18	0	0	1.1	0.01	0	0	0	10.0	0.1	0	0	10660.5	0
312	24	1988	1.78	0	0	1.59	0	0	0	0	0.1	0.1	0	0	10662.1	0
313	24	1988	5.33	0	0	1.09	0	0	0	0	4.1	0.1	0	0	10663.2	0
314	24	1988	0	0	0	1.48	0.01	0	0	0	-1.6	0.1	0	0	10664.7	0
315	24	1988	1.52	0	0	3.21	0.02	0	0	0	-1.8	0.1	0	0	10667.9	0.01
316	24	1988	1.02	0	0	2.31	0.01	0	0	0	-1.4	0.1	0	0	10670.2	0
317	24	1988	0	0	0	1.61	0.01	0	0	0	-1.7	0.1	0	0	10671.8	-0.01
318	24	1988	1.78	0	0	2.75	0.03	0	0	0	-1.1	0.1	0	0	10674.6	0
319	24	1988	0	0	0	2.63	0.05	0	0	0	-2.7	0.1	0	0	10677.2	0
320	24	1988	0	0	0	1.13	0.03	0	0	0	-1.2	0.1	0	0	10678.3	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
321	24	1988	0	0	0	1.75	0.05	0	0	0	-1.9	0.1	0	0	10680.1	0
322	24	1988	3.56	0	0	4.47	0.07	0	0	0	-1.0	0.1	0	0	10684.5	0
323	24	1988	0	0	0	3.06	0.04	0	0	0	-3.2	0.1	0	0	10687.6	0
324	24	1988	0	0	0	1.03	0.02	0	0	0	-1.1	0.1	0	0	10688.6	-0.01
325	24	1988	18.8	0.05	0	0.43	0	0	0	0	18.2	0.1	0	0	10689.1	0
326	24	1988	1.78	0	0	2.08	0	0	0	0	-0.4	0.1	0	0	10691.1	0
327	24	1988	0	0	0	0.81	0	0	0	0	-0.9	0.1	0	0	10691.9	0
328	24	1988	0	0	0	0.82	0	0	0	0	-0.9	0.1	0	0	10692.8	0
329	24	1988	0	0	0	0.44	0	0	0	0	-0.5	0.1	0	0	10693.2	-0.01
330	24	1988	0	0	0	0.22	0.09	0	0	0	-0.3	0.1	0	0	10693.4	0
331	24	1988	0	0	0	0.42	0.1	0	0	0	-0.5	0.1	0	0	10693.8	0
332	24	1988	1.52	0	0	1.13	0.11	0	0	0	0.3	0.1	0	0	10695	0
333	24	1988	4.32	0	0	1.67	0.03	0	0	0	2.6	0.1	0	0	10696.7	-0.01
334	24	1988	0	0	0	1.71	0.03	0	0	0	-1.8	0.1	0	0	10698.4	-0.01
335	24	1988	0	0	0	2.28	0.1	0	0	0	-2.4	0.1	0	0	10700.6	-0.01
336	24	1988	0.76	0	0	1.13	0.03	0	0	0	-0.5	0.1	0	0	10701.8	0
337	24	1988	0.25	0	0	1.42	0	0	0	0	-1.3	0.1	0	0	10703.2	-0.01
338	24	1988	0.25	0	0	2.01	0.14	0	0	0	-1.9	0.1	0	0	10705.2	0
339	24	1988	1.78	0	0	1.63	0	0	1.47	0	-1.4	0.1	0	0	10706.8	-0.01
340	24	1988	0.25	0	0	0.09	0	0	0.63	0	-0.6	0.1	0	0	10706.9	0
341	24	1988	0	0	2.11	0.31	0.15	0	-2.1	0	1.7	0.1	0	0	10707.3	0.01
342	24	1988	0.25	0	0	0.41	0.08	0	0	0	-0.3	0.1	0	0	10707.7	0
343	24	1988	1.02	0	0	0.74	0	0	1.07	0	-0.9	0.1	0	0	10708.4	-0.01
344	24	1988	1.02	0	0	0.21	0	0	1.43	0	-0.7	0.1	0	0	10708.6	-0.01
345	24	1988	1.02	0	0	0.19	0	0	1.19	0	-0.5	0.1	0	0	10708.8	-0.01
346	24	1988	1.02	0	0	0.14	0	0	1.17	0	-0.4	0.1	0	0	10708.9	0
347	24	1988	0	0	0	0.1	0	0	0.21	0	-0.4	0.1	0	0	10709	0
348	24	1988	0	0	0	0.08	0	0	0.17	0	-0.4	0.1	0	0	10709.1	0
349	24	1988	2.79	0	0	0.1	0	0	2.85	0	-0.3	0.1	0	0	10709.2	0
350	24	1988	1.02	0	0.02	0.25	0	0	0.82	0	-0.2	0.1	0	0	10709.5	0
351	24	1988	0.25	0	0	0.11	0	0	0.37	0	-0.3	0.1	0	0	10709.6	0
352	24	1988	1.02	0	0	0.12	0	0	1.1	0	-0.3	0.1	0	0	10709.7	0
353	24	1988	5.59	0	0	-0.01	0	0	5.74	0	-0.2	0.1	0	0	10709.7	0
354	24	1988	0	0	0	0.03	0	0	0.07	0	-0.2	0.1	0	0	10709.7	0
355	24	1988	0	0	4.23	0.04	0.17	0	-4.1	0	2.4	0.1	1.53	0	10709.8	0
356	24	1988	0.25	0	11.9	0.07	0.19	0	-11.55	0	1.7	0.1	9.93	0	10709.8	-0.01
357	24	1988	0	0	0	0.55	0	0	0.23	0	-0.9	0.1	0	0	10710.4	0
358	24	1988	1.02	0	1.25	0.57	0.13	0	-0.76	0	-0.2	0.1	1.29	0	10711	0.02
359	24	1988	8.64	0	0	0.46	0.07	0	0	0	0.2	0.1	7.91	0	10711.4	-0.01
360	24	1988	1.27	0	0.08	0.7	0	0	0.98	0	-0.5	0.1	0	0	10712.1	-0.02
361	24	1988	1.27	0	0	0.51	0	0	1.29	0	-0.6	0.1	0	0	10712.6	-0.01
362	24	1988	0.51	0	0	0.23	0	0	0.53	0	-0.3	0.1	0	0	10712.9	-0.01
363	24	1988	12.7	0	14.95	0.34	0.06	0	-2.79	0	2.8	0.1	12.3	0	10713.2	0
364	24	1988	4.06	0	0	0.83	0	0	3.76	0	-0.6	0.1	0	0	10714	-0.02
365	24	1988	0	0	0	0.22	0	0	0.02	0	-0.3	0.1	0	0	10714.2	0
366	24	1988	0.76	0	0	0.21	0	0	0.75	0	-0.3	0.1	0	0	10714.5	-0.01
1	24	1989	0	0	0	0.17	0	0	0.02	0	-0.3	0.1	0	0	10714.6	-0.01
2	24	1989	0.25	0	1.39	-0.06	0	0	-0.97	0	0.4	0.1	0.77	0	10714.6	0
3	24	1989	1.78	0	0	0.36	0	0	1.69	0	-0.4	0.1	0	0	10714.9	-0.01
4	24	1989	0	0	0	0.16	0	0	0.08	0	-0.3	0.1	0	0	10715.1	0
5	24	1989	0	0	0	0.06	0	0	0.13	0	-0.3	0.1	0	0	10715.1	0
6	24	1989	0.76	0	0	0.25	0	0	0.68	0	-0.3	0.1	0	0	10715.4	0
7	24	1989	0	0	0	0.12	0	0	-0.1	0	-0.1	0.1	0	0	10715.5	0
8	24	1989	0.51	0	5.73	0.19	0.21	0	-5.21	0	0.7	0.1	4.74	0	10715.7	0
9	24	1989	0	0	0	0.75	0	0	-0.3	0	-0.5	0.1	0	0	10716.4	-0.01
10	24	1989	0	0	0.48	0.66	0	0	-0.56	0	-0.3	0.1	0	0.14	10717.1	0
11	24	1989	0	0	0	0.84	0	0	0	0	-0.8	0.1	0	0	10717.9	0
12	24	1989	1.52	0	0.87	0.56	0.07	0	0	0	0.9	0.1	0	0	10718.5	-0.01
13	24	1989	2.79	0	0	0.96	0	0	2.19	0	-0.4	0.1	0	0	10719.5	-0.02
14	24	1989	3.05	0	0	0.48	0	0	2.77	0	-0.3	0.1	0	0	10720	0
15	24	1989	0.76	0	3.28	0.14	0.05	0	-2.71	0	0.9	0.1	2.37	0	10720.1	0
16	24	1989	0.25	0	0.27	0.25	0	0	-0.16	0	-0.1	0.1	0.14	0	10720.3	-0.01
17	24	1989	0.25	0	0.6	0.58	0.06	0	-0.78	0	0.0	0.1	0.4	0	10720.9	0
18	24	1989	0.25	0	0.39	0.32	0.16	0	-0.27	0	-0.1	0.1	0.19	0	10721.2	-0.01
19	24	1989	0.51	0	1.31	0.29	0.13	0	-1.05	0	0.9	0.1	0.33	0	10721.5	-0.02
20	24	1989	5.84	0	1.45	0.82	0.03	0	3.93	0	-0.4	0.1	1.45	0	10722.3	-0.02
21	24	1989	0.51	0	0	0.25	0	0	0.53	0	-0.4	0.1	0	0	10722.6	-0.01
22	24	1989	0	0	0	0.22	0.07	0	-0.05	0	-0.3	0.1	0	0	10722.8	0
23	24	1989	0	0	0.54	0.17	0.16	0	-0.45	0	-0.2	0.1	0.34	0	10723	0
24	24	1989	0	0	0.83	0.08	0.09	0	-0.72	0	0.0	0.1	0.59	0	10723.1	-0.01
25	24	1989	0	0	0	0.5	0	0	-0.34	0	-0.3	0.1	0	0	10723.6	0
26	24	1989	4.32	0	5.62	0.59	0.03	0	-1.93	0	0.3	0.1	5.25	0	10724.2	0.03
27	24	1989	2.79	0	0	0.51	0	0	2.5	0	-0.3	0.1	0	0	10724.7	-0.02
28	24	1989	0	0	1.75	0.19	0.13	0	-1.74	0	-0.1	0.1	1.58	0	10724.9	-0.01
29	24	1989	0.51	0	1.79	0.32	0.17	0	-1.72	0	0.7	0.1	1.09	0	10725.2	0.02
30	24	1989	0.25	0	0	-0.2	0.18	0	0	0	0.3	0.1	0	0	10725	0.01
31	24	1989	0	0	0	1.39	0.48	0	0	0	-1.5	0.1	0	0	10726.4	-0.03
32	24	1989	0	0	0	0.98	0.42	0	0	0	-1.1	0.1	0	0	10727.3	-0.02
33	24	1989	1.78	0	0	1.03	0	0	1.5	0	-0.9	0.1	0	0	10728.4	-0.01
34	24	1989	6.35	0.05	0	0.46	0	0	6.16	0	-0.4	0.1	0	0	10728.8	0
35	24	1989	0.51	0	0	0.21	0	0	0.58	0	-0.3	0.1	0	0	10729	0
36	24	1989	0.51	0	0	0.17	0	0	0.52	0	-0.3	0.1	0	0	10729.2	0
37	24	1989	2.29	0	0	0.51	0	0	1.87	0	-0.2	0.1	0	0	10729.7	0
38	24	1989	2.54	0	0	0.45	0	0	2.21	0	-0.2	0.1	0	0	10730.2	0
39	24	1989	0.25	0	0	0.29	0	0	0.09	0	-0.2	0.1	0	0	10730.5	0
40	24	1989	2.79	0	0	0.52	0	0	2.42	0	-0.2	0.1	0	0	10731	0
41	24	1989	0	0	0	0.24	0	0	-0.15	0	-0.2	0.1	0	0	10731.2	0
42	24	1989	0	0	0	0.14	0	0	-0.08	0	-0.2	0.1	0	0	10731.4	0
43	24	1989	0.51	0	0	0.32	0	0	0.26	0	-0.2	0.1	0	0	10731.7	-0.01
44	24	1989	0.25	0	0	0.33	0	0	0.02	0	-0.2	0.1	0	0	10732	0
45	24	1989	6.1	0	7.95	0.38	0	0	-2.21	0	7.8	0.1	0	0	10732.4	0
46	24	1989	2.03	0.24	1.05	0.25	0	0	0.55	0	0.9	0.1	0	0	10732.6	-0.01
47	24	1989	0	0	0	0.55	0	0	-0.13	0	-0.3	0.1	0	0	10733.2	-0.01
48	24	1989	0.25	0	0	0.24	0	0	0.24	0	-0.3	0.1	0	0	10733.4	0
49	24	1989	0	0	0	0.1	0	0	0.09	0	-0.3	0.1	0	0	10733.5	0
50	24	1989	0	0	0	0.18	0	0	-0.05	0	-0.2	0.1	0	0	10733.7	0
51	24	1989	0	0	2.05	0.06	0	0	-2.08	0	1.9	0.1	0	0	10733.8	0
52	24	1989	14.99	0	24.04	0.61	0.21	0	-9.44	0	-0.1	0.1	23.85	0	10734.4	0
53	24	1989	0	0	0.26	0.2	0	0	-0.35	0	-0.1	0.1	0.15	0	10734.6	-0.01
54	24	1989	0.25	0	0	0.64	0	0	0	0	-0.5	0.1	0	0	10735.2	-0.01
55	24	1989	0	0	0	0.58	0	0	-0.19	0	-0.5	0.1	0	0	10735.8	-0.01
56	24	1989	0	0	0	0.3	0	0	-0.06	0	-0.3	0.1	0	0	10736.1	0
57	24	1989	1.02	0	0	0.41	0	0	0.79	0	-0.3	0.1	0	0	10736.5	0
58	24	1989	1.02	0	0	0.41	0	0	0.71	0	-0.2	0.1	0	0	10736.9	-0.01
59	24	1989	0	0	0.37	0.02	0	0	-0.3	0	0.2	0.1	0	0	10736.9	0
60	24	1989	0.25	0	0	0.45	0	0	-0.01	0	-0.3	0.1	0	0	10737.4	-0.01
61	24	1989	0.76	0	0	0.5	0	0	0.47	0	-0.3	0.1	0	0	10737.9	-0.01
62	24	1989	0.51	0	0	0.27	0	0	0.39	0	-0.2	0.1	0	0	10738.1	0
63	24	1989	8.64	0	0.56	0.73	0	0	7.32	0	0.5	0.1	0	0	10738.9	0
64	24	1989	5.08	0	2.77	0.58	0.02	0	1.74	0	0.6	0.1	2.05	0	10739.5	-0.01
65	24	1989	0	0	0	0.35	0	0	-0.18	0	-0.3	0.1	0	0	10739.8	-0.01
66	24	1989	0	0	0	0.31	0	0	-0.14	0	-0.3	0.1	0	0	10740.1	0
67	24	1989	0	0	0	0.26	0	0	-0.17	0	-0.2	0.1	0	0	10740.4	0
68	24	1989	0	0	0.54	0.11	0	0	-0.66	0	0.1	0.1	0.36	0	10740.5	0
69	24	1989	0	0	1.4	0.05	0	0	-1.46	0	0.1	0.1	1.24	0	10740.5	0
70	24	1989	0	0	4.54	0.08	0.06	0	-4.56	0	-0.1	0.1	4.46	0	10740.6	0
71	24	1989	2.03	0	0	0.83	0	0	1.29	0	-0.2	0.1	0	0	10741.4	-0.01
72	24	1989	0	0	2.04	0.14	0.02	0	-2.1	0	-0.1	0.1	2.01	0	10741.6	-0.01
73	24	1989	0	0	4.6	0.51	0.54	0	-4.9	0	0.4	0.1	3.92	0	10742.1	0
74	24	1989	0	0	0	1.58	1.16	0	0	0	-1.7	0.1	0	0	10743.7	0
75	24	1989	0.51	0	0	1.53	0.54	0	0	0	-1.1	0.1	0	0	10745.2	-0.01
76	24	1989	0	0	0	0.93	0.49	0	0	0	-1.0	0.1	0	0	10746.1	0
77	24	1989	13.97	0	0.97	0.95	0	0	12.27	0	0.7	0.1	0	0	10747.1	0
78	24	1989	0	0	0.95	0.19	0	0	-1.05	0	0.8	0.1	0	0	10747.3	0
79	24	1989	2.79	0	2.21	0.84	0	0	-0.14	0	2.0	0.1	0	0	10748.1	0
80	24	1989	2.54	0	3.13	0.81	0	0	-1.23	0	2.9	0.1	0	0	10748.9	0
81	24	1989	0	0	1	0.29	0	0	-1.12	0	0.7	0.1	0	0	10749.2	0
82	24	1989	0	0	4.43	0.73	0.65	0	-4.37	0	3.1	0.1	0.47	0	10749.9	0
83	24	1989	4.32	0	3.22	0.89	0	0	0.28	0	0.4	0.1	2.61	0	10750.8	0
84	24	1989	0.25	0	4.89	0.86	0.81	0	-4.64	0	-0.3	0.1	4.23	0	10751.7	0
85	24	1989	0	0	0	0.88	0.87	0	0	0	-1.0	0.1	0	0	10752.6	0
86	24	1989	0	0	0	1.67	1.65	0	0	0	-1.8	0.1	0	0	10754.2	0
87	24	1989	1.27	0	0	2.39	1.48	0	0	0	-1.2	0.1	0	0	10756.6	-0.02
88	24	1989	0	0	0	2.61	1.42	0	0	0	-2.7	0.1	0	0	10759.2	-0.03
89	24	1989	20.83	0.29	0	1.12	0	0	0	0	19.3	0.1	0	0	10760.4	-0.01
90	24	1989	15.75	0.38	0	0.99	0	0	0	0	14.6	0.1	0	0	10761.3	0
91	24	1989	1.52	0	0	1.72	0	0	0	0	0.1	0.1	0	0	10763.1	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
92	24	1989	0	0	0	1.49	0.86	0	0	0	-1.6	0.1	0	0	10764.6	-0.02
93	24	1989	8.38	0	0	1.29	0.05	0	0	0	7.0	0.1	0	0	10765.9	0.01
94	24	1989	3.56	0	0	1.72	0.51	0	0	0	1.8	0.1	0	0	10767.6	-0.03
95	24	1989	5.59	0	0	2.37	0.61	0	0	0	3.2	0.1	0	0	10769.9	-0.03
96	24	1989	0.76	0	0	2.23	0.66	0	0	0	-1.5	0.1	0	0	10772.2	-0.03
97	24	1989	2.79	0	0	2.81	0.37	0	0	0	-0.1	0.1	0	0	10775	-0.02
98	24	1989	0	0	0	2.33	0.8	0	0	0	-2.4	0.1	0	0	10777.3	-0.01
99	24	1989	2.54	0	0	2.29	0.38	0	0	0	0.2	0.1	0	0	10779.6	-0.01
100	24	1989	1.52	0	0.8	1.53	0	0	0	0	-0.1	0.1	0	0	10781.1	-0.02
101	24	1989	1.02	0	0.02	1.28	0	0	0	0	-0.4	0.1	0	0	10782.4	0
102	24	1989	0	0	0	1.84	1.15	0	0	0	-1.9	0.1	0	0	10784.2	-0.01
103	24	1989	3.3	0	0	2.69	0.39	0	0	0	0.5	0.1	0	0	10786.9	0
104	24	1989	0	0	0	1.5	1.12	0	0	0	-1.6	0.1	0	0	10788.4	-0.02
105	24	1989	1.02	0	0	2.91	1.56	0	0	0	-2.0	0.1	0	0	10791.3	-0.01
106	24	1989	0	0	0	3.4	1.89	0	0	0	-3.5	0.1	0	0	10794.7	-0.01
107	24	1989	2.79	0	0	3.1	1.14	0	0	0	-0.4	0.1	0	0	10797.8	-0.02
108	24	1989	0	0	0	2.91	1.43	0	0	0	-3.0	0.1	0	0	10800.8	-0.02
109	24	1989	0	0	0	3.47	1.62	0	0	0	-3.5	0.1	0	0	10804.2	-0.02
110	24	1989	0	0	0	2.31	1.62	0	0	0	-2.4	0.1	0	0	10806.5	-0.02
111	24	1989	0	0	0	2.61	1.87	0	0	0	-2.7	0.1	0	0	10809.2	-0.02
112	24	1989	0	0	0	2.17	0	0	0	0	-2.2	0.1	0	0	10811.3	-0.01
113	24	1989	0	0	0	2.82	1.23	0	0	0	-2.9	0.1	0	0	10814.1	0
114	24	1989	0	0	0	3.54	1.91	0	0	0	-3.6	0.1	0	0	10817.7	-0.02
115	24	1989	0	0	0	4.05	2.65	0	0	0	-4.1	0.1	0	0	10821.7	0
116	24	1989	0	0	0	4.4	2.98	0	0	0	-4.5	0.1	0	0	10826.1	-0.01
117	24	1989	0	0	0	4.01	2.66	0	0	0	-4.1	0.1	0	0	10830.2	-0.01
118	24	1989	0	0	0	3.4	2.02	0	0	0	-3.5	0.1	0	0	10833.6	-0.02
119	24	1989	3.81	0	0	3.93	1.01	0	0	0	-0.2	0.1	0	0	10837.5	-0.01
120	24	1989	0	0	0	2.96	2.44	0	0	0	-3.0	0.1	0	0	10840.4	-0.01
121	24	1989	11.43	0	0	3.12	0.49	0	0	0	8.3	0.1	0	0	10843.6	-0.02
122	24	1989	9.14	0	0	4.08	0.7	0	0	0	5.0	0.1	0	0	10847.6	-0.04
123	24	1989	0.25	0	0	3.73	2.04	0	0	0	-3.5	0.1	0	0	10851.4	-0.04
124	24	1989	0	0	0	3.61	2.94	0	0	0	-3.7	0.1	0	0	10855	-0.02
125	24	1989	2.54	0	0	2.87	0.79	0	0	0	-0.4	0.1	0	0	10857.9	0
126	24	1989	18.54	0	0	3.64	0.66	0	0	0	14.8	0.1	0	0	10861.5	-0.03
127	24	1989	2.54	0	0	2.55	0.01	0	0	0	-0.1	0.1	0	0	10864	-0.03
128	24	1989	5.08	0	0	3.59	0.29	0	0	0	1.4	0.1	0	0	10867.6	-0.02
129	24	1989	0	0	0	3.61	2.92	0	0	0	-3.7	0.1	0	0	10871.3	-0.03
130	24	1989	13.72	0.17	0	2.51	0.12	0	0	0	10.9	0.1	0	0	10873.8	-0.01
131	24	1989	8.64	0.67	0	2.2	0	0	0	0	5.9	0.1	0	0	10876	0
132	24	1989	1.78	0	0	3.33	1.02	0	0	0	-1.0	0.1	0	0	10879.3	-0.01
133	24	1989	2.03	0	0	1.96	0.28	0	0	0	0.0	0.1	0	0	10881.3	-0.04
134	24	1989	1.27	0	0	4.71	2.79	0	0	0	-3.5	0.1	0	0	10886	-0.03
135	24	1989	0	0	0	2.97	2.63	0	0	0	-3.0	0.1	0	0	10888.9	-0.05
136	24	1989	0.25	0	0	2.01	1.72	0	0	0	-1.8	0.1	0	0	10890.9	-0.01
137	24	1989	0	0	0	3.2	2.9	0	0	0	-3.3	0.1	0	0	10894.1	-0.03
138	24	1989	0	0	0	2.48	2.32	0	0	0	-2.6	0.1	0	0	10896.6	-0.01
139	24	1989	0	0	0	5.12	4.62	0	0	0	-5.2	0.1	0	0	10901.7	-0.02
140	24	1989	0	0	0	3.16	2.98	0	0	0	-3.3	0.1	0	0	10904.9	-0.01
141	24	1989	4.06	0	0	5.19	1.94	0	0	0	-1.2	0.1	0	0	10910.1	-0.04
142	24	1989	0	0	0	6.41	5.1	0	0	0	-6.5	0.1	0	0	10916.5	-0.03
143	24	1989	4.83	0	0	4.49	1.23	0	0	0	0.3	0.1	0	0	10921	-0.02
144	24	1989	7.37	0	0	4.85	1.39	0	0	0	2.4	0.1	0	0	10925.8	-0.01
145	24	1989	0.51	0	0	5.79	4.39	0	0	0	-5.3	0.1	0	0	10931.6	-0.07
146	24	1989	2.79	0	0	5.65	2.88	0	0	0	-2.9	0.1	0	0	10937.3	-0.03
147	24	1989	0.25	0	0	6.45	4.45	-0.01	0	0	-6.3	0.1	0	0	10943.7	-0.04
148	24	1989	0	0	0	6.33	4.64	0	0	0	-6.4	0.1	0	0	10950	-0.03
149	24	1989	0	0	0	2.63	2.46	0	0	0	-2.8	0.1	0	0	10952.7	0.01
150	24	1989	7.62	0	0	7.33	3.5	0	0	0	0.2	0.1	0	0	10960	-0.01
151	24	1989	3.81	0	0	6.49	2.73	0	0	0	-2.8	0.1	0	0	10966.5	-0.02
152	24	1989	21.59	0	0	6.29	2.56	0	0	0	15.2	0.1	0	0	10972.8	-0.03
153	24	1989	4.06	0	0	6.32	2.37	0	0	0	-2.3	0.1	0	0	10979.1	-0.05
154	24	1989	4.83	0	0	5.69	2.1	0	0	0	-0.9	0.1	0	0	10984.8	-0.07
155	24	1989	7.37	0	0	3.91	0.42	0	0	0	3.4	0.1	0	0	10988.7	-0.05
156	24	1989	0	0	0	5.48	4.3	0	0	0	-5.5	0.1	0	0	10994.2	-0.05
157	24	1989	2.54	0	0	4.07	1.73	0	0	0	-1.6	0.1	0	0	10998.3	-0.04
158	24	1989	0.76	0	0	6.17	4.36	0	0	0	-5.5	0.1	0	0	11004.4	-0.04
159	24	1989	0.25	0	0	2.86	2.37	0	0	0	-2.7	0.1	0	0	11007.3	-0.02
160	24	1989	7.37	0	0	5.81	2.2	0	0	0	1.5	0.1	0	0	11013.1	-0.02
161	24	1989	1.02	0	0	4.43	2.74	0	0	0	-3.5	0.1	0	0	11017.5	-0.03
162	24	1989	0	0	0	5.95	4.6	0	0	0	-6.0	0.1	0	0	11023.5	-0.05
163	24	1989	0	0	0	6.15	4.69	0	0	0	-6.3	0.1	0	0	11029.6	-0.01
164	24	1989	8.13	0	0	4.08	0.65	0	0	0	4.0	0.1	0	0	11033.7	-0.02
165	24	1989	6.1	0	0	4.31	0.9	0	0	0	1.7	0.1	0	0	11038	-0.03
166	24	1989	2.79	0	0	4.24	1.29	0	0	0	-1.6	0.1	0	0	11042.3	-0.01
167	24	1989	4.06	0	0	4.93	1.71	0	0	0	-1.0	0.1	0	0	11047.2	-0.03
168	24	1989	22.86	0	0	5.55	2.12	0	0	0	17.2	0.1	0	0	11052.7	-0.05
169	24	1989	0.76	0	0	4.29	2.81	0	0	0	-3.6	0.1	0	0	11057	-0.04
170	24	1989	0	0	0	2.55	2.29	0	0	0	-2.6	0.1	0	0	11059.6	-0.03
171	24	1989	6.1	0	0	4.75	1.57	0	0	0	1.2	0.1	0	0	11064.3	0.01
172	24	1989	3.56	0	0	4.43	1.66	0	0	0	-1.0	0.1	0	0	11068.8	-0.05
173	24	1989	0	0	0	5.44	4.18	0	0	0	-5.6	0.1	0	0	11074.2	-0.01
174	24	1989	1.02	0	0	4.58	2.91	0	0	0	-3.7	0.1	0	0	11078.8	-0.02
175	24	1989	3.3	0	0	4.32	1.43	0	0	0	-1.1	0.1	0	0	11083.1	-0.06
176	24	1989	0	0	0	3.37	2.75	0	0	0	-3.4	0.1	0	0	11086.5	-0.06
177	24	1989	0	0	0	5.71	4.1	0	0	0	-5.8	0.1	0	0	11092.2	-0.03
178	24	1989	20.07	0	0	4.74	1.82	0	0	0	15.2	0.1	0	0	11096.9	-0.04
179	24	1989	8.89	0	0	5.98	2.26	0	0	0	2.9	0.1	0	0	11102.9	-0.06
180	24	1989	0	0	0	3.7	2.47	0	0	0	-3.8	0.1	0	0	11106.6	-0.02
181	24	1989	0	0	0	3.18	2.46	0	0	0	-3.3	0.1	0	0	11109.8	-0.01
182	24	1989	0	0	0	3.22	2.63	0	0	0	-3.3	0.1	0	0	11113	-0.01
183	24	1989	0	0	0	6.04	4.03	0	0	0	-6.2	0.1	0	0	11119.1	-0.01
184	24	1989	0	0	0	5.44	3.65	0	0	0	-5.5	0.1	0	0	11124.5	-0.03
185	24	1989	3.3	0	0	5.91	2.21	0	0	0	-2.7	0.1	0	0	11130.4	0
186	24	1989	3.3	0	0	4.27	1.4	0	0	0	-1.1	0.1	0	0	11134.7	-0.02
187	24	1989	0	0	0	4.81	2.96	0	0	0	-4.9	0.1	0	0	11139.5	-0.03
188	24	1989	2.29	0	0	5.91	2.18	0	0	0	-3.7	0.1	0	0	11145.4	-0.03
189	24	1989	0	0	0	4.24	2.26	0	0	0	-4.3	0.1	0	0	11149.6	-0.03
190	24	1989	0	0	0	3.53	2.15	0	0	0	-3.7	0.1	0	0	11153.2	-0.02
191	24	1989	0.51	0	0	4.23	2.5	0	0	0	-3.8	0.1	0	0	11157.4	-0.02
192	24	1989	0	0	0	2.45	2.15	0	0	0	-2.6	0.1	0	0	11159.9	-0.02
193	24	1989	0	0	0	1.13	1.2	0	0	0	-1.3	0.1	0	0	11161	-0.01
194	24	1989	0	0	0	1.85	1.62	0	0	0	-2.0	0.1	0	0	11162.8	-0.01
195	24	1989	0	0	0	1.09	1.09	0	0	0	-1.2	0.1	0	0	11163.9	-0.01
196	24	1989	0	0	0	1.08	0.97	0	0	0	-1.2	0.1	0	0	11165	-0.01
197	24	1989	0	0	0	0.81	0.85	0	0	0	-0.9	0.1	0	0	11165.8	-0.01
198	24	1989	0	0	0	0.88	0.82	0	0	0	-1.0	0.1	0	0	11166.7	-0.01
199	24	1989	0	0	0	0.98	0.83	0	0	0	-1.1	0.1	0	0	11167.7	-0.02
200	24	1989	9.14	0	0	4.58	0.7	0	0	0	4.5	0.1	0	0	11172.3	-0.01
201	24	1989	18.03	0	0	2.69	0.3	0	0	0	15.3	0.1	0	0	11174.9	-0.03
202	24	1989	0	0	0	4.76	1.05	0	0	0	-4.8	0.1	0	0	11179.7	-0.05
203	24	1989	17.02	0	0	3.23	0.72	0	0	0	13.7	0.1	0	0	11182.9	-0.02
204	24	1989	0	0	0	2.24	0.7	0	0	0	-2.3	0.1	0	0	11185.2	-0.03
205	24	1989	0	0	0	4.5	0.88	0	0	0	-4.6	0.1	0	0	11189.7	-0.04
206	24	1989	0	0	0	5.46	0.74	0	0	0	-5.6	0.1	0	0	11195.1	-0.03
207	24	1989	0	0	0	4.99	0.58	0	0	0	-5.1	0.1	0	0	11200.1	0
208	24	1989	2.03	0	0	2.82	0.59	0	0	0	-0.9	0.1	0	0	11203	0.01
209	24	1989	0.25	0	0	0.49	0.27	0	0	0	-0.4	0.1	0	0	11203.5	0.02
210	24	1989	0	0	0	0.69	0	0	0	0	-0.8	0.1	0	0	11204.1	0
211	24	1989	0	0	0	0.17	0.02	0	0	0	-0.3	0.1	0	0	11204.3	0
212	24	1989	0	0	0	0.08	0.02	0	0	0	-0.2	0.1	0	0	11204.4	0
213	24	1989	0	0	0	0.13	0.05	0	0	0	-0.3	0.1	0	0	11204.5	0.01
214	24	1989	7.11	0	0	4.73	0.01	0	0	0	2.3	0.1	0	0	11209.2	-0.01
215	24	1989	0	0	0	2.65	0.05	0	0	0	-2.8	0.1	0	0	11211.9	0.01
216	24	1989	43.94	0	0	4.57	0.03	0	0	0	39.3	0.1	0	0	11216.5	-0.01
217	24	1989	0.25	0	0	2.41	0.02	0	0	0	-2.3	0.1	0	0	11218.9	0
218	24	1989	0.25	0	0	3.65	0.03	0	0	0	-3.5	0.1	0	0	11222.5	0
219	24	1989	0	0	0	4.5	0.01	0	0	0	-4.6	0.1	0	0	11227	0.01
220	24	1989	0	0	0	5.2	0.02	0	0	0	-5.3	0.1	0	0	11232.2	0.01
221	24	1989	0	0	0	3.97	0.03	0	0	0	-4.1	0.1	0	0	11236.2	0.01
222	24	1989	0	0	0	3.24	0.04	0	0	0	-3.4	0.1	0	0	11239.4	0.01
223	24	1989	0.25	0	0	3.69	0.04	0	0	0	-3.6	0.1	0	0	11243.1	0.01
224	24	1989	2.79	0	0	3.66	0.03	0	0	0	-1.0	0.1	0	0	11246.8	0.01
225	24	1989	1.27	0	0	1.64	0.04	0	0	0	-0.5	0.1	0	0	11248.4	0.01
226	24	1989	0	0	0	2.19	0.1	0	0	0	-2.3	0.1	0	0	11250.6	0.01
227	24	1989	0	0	0	0.5	0.25	0	0	0	-0.6	0.1	0	0	11251.1	0.01
228	24	1989	2.03	0	0	2.06	0.07	0	0	0	-0.2	0.1	0	0	11253.2	0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
229	24	1989	0	0	0	0.97	0.2	0	0	0	-1.1	0.1	0	0	11254.2	0.01
230	24	1989	0	0	0	0.63	0.22	0	0	0	-0.8	0.1	0	0	11254.8	0.01
231	24	1989	8.89	0	0	1.28	0.07	0	0	0	7.5	0.1	0	0	11256.1	0.01
232	24	1989	0.25	0	0	3.13	0.06	0	0	0	-3.0	0.1	0	0	11259.2	0.02
233	24	1989	0	0	0	2.59	0.08	0	0	0	-2.7	0.1	0	0	11261.8	0.01
234	24	1989	0	0	0	2.85	0.07	0	0	0	-3.0	0.1	0	0	11264.6	0.01
235	24	1989	0	0	0	2.46	0.09	0	0	0	-2.6	0.1	0	0	11267.1	0.02
236	24	1989	0	0	0	0.99	0.19	0	0	0	-1.1	0.1	0	0	11268.1	0.01
237	24	1989	0	0	0	0.88	0.26	0	0	0	-1.0	0.1	0	0	11269	0.01
238	24	1989	0	0	0	0.43	0.33	0	0	0	-0.6	0.1	0	0	11269.4	0.01
239	24	1989	0	0	0	0.43	0.27	0	0	0	-0.6	0.1	0	0	11269.8	0.01
240	24	1989	0	0	0	0.4	0.32	0	0	0	-0.5	0.1	0	0	11270.2	0.01
241	24	1989	1.02	0	0	1	0.2	0	0	0	-0.1	0.1	0	0	11271.2	0.01
242	24	1989	0	0	0	0.55	0.32	0	0	0	-0.7	0.1	0	0	11271.8	0.02
243	24	1989	0	0	0	0.85	0.36	0	0	0	-1.0	0.1	0	0	11272.6	0.01
244	24	1989	6.86	0	0	3.41	0.09	0	0	0	3.3	0.1	0	0	11276	0.01
245	24	1989	0.51	0	0	4.08	0.12	0	0	0	-3.7	0.1	0	0	11280.1	0.01
246	24	1989	0	0	0	1.73	0.32	0	0	0	-1.9	0.1	0	0	11281.8	0.01
247	24	1989	0	0	0	0.59	0.38	0	0	0	-0.7	0.1	0	0	11282.4	0.01
248	24	1989	0	0	0	0.4	0.27	0	0	0	-0.5	0.1	0	0	11282.8	0
249	24	1989	0	0	0	0.45	0.42	0	0	0	-0.6	0.1	0	0	11283.3	0.01
250	24	1989	0	0	0	0.39	0.3	0	0	0	-0.5	0.1	0	0	11283.7	0.01
251	24	1989	0	0	0	0.56	0.5	0	0	0	-0.7	0.1	0	0	11284.2	0.01
252	24	1989	0	0	0	0.3	0.27	0	0	0	-0.4	0.1	0	0	11284.5	0.01
253	24	1989	5.08	0	0	3.17	0.19	0	0	0	1.8	0.1	0	0	11287.7	0.02
254	24	1989	0	0	0	1.98	0.11	0	0	0	-2.1	0.1	0	0	11289.7	0
255	24	1989	0	0	0	1.37	0.26	0	0	0	-1.5	0.1	0	0	11291	0.01
256	24	1989	0	0	0	0.71	0.42	0	0	0	-0.8	0.1	0	0	11291.7	0
257	24	1989	45.21	0	0	2.17	0.06	0	0	0	42.9	0.1	0	0	11293.9	0
258	24	1989	4.83	0	0	2.03	0.06	0	0	0	2.7	0.1	0	0	11295.9	0
259	24	1989	9.65	0	0	1.96	0.03	0	0	0	7.6	0.1	0	0	11297.9	0
260	24	1989	1.78	0	0	2.15	0.04	0	0	0	-0.5	0.1	0	0	11300.1	0
261	24	1989	0	0	0	3.38	0.16	0	0	0	-3.5	0.1	0	0	11303.4	0
262	24	1989	44.96	0	0	1.34	0.03	0	0	0	43.5	0.1	0	0	11304.8	0
263	24	1989	15.75	0	0	2.08	0.05	0	0	0	13.6	0.1	0	0	11306.9	0
264	24	1989	0	0	0	2.81	0.18	0	0	0	-2.9	0.1	0	0	11309.7	-0.01
265	24	1989	4.83	0	0	2.26	0.12	0	0	0	2.5	0.1	0	0	11311.9	-0.01
266	24	1989	11.94	0	0	4.44	0.16	0	0	0	7.4	0.1	0	0	11316.4	-0.01
267	24	1989	0	0	0	3.35	0.1	0	0	0	-3.5	0.1	0	0	11319.7	-0.01
268	24	1989	0	0	0	3.02	0.16	0	0	0	-3.1	0.1	0	0	11322.7	-0.01
269	24	1989	0	0	0	2.71	0.13	0	0	0	-2.8	0.1	0	0	11325.4	0
270	24	1989	0	0	0	2.66	0.1	0	0	0	-2.8	0.1	0	0	11328.1	-0.01
271	24	1989	0	0	0	3.3	0.19	0	0	0	-3.4	0.1	0	0	11331.4	-0.01
272	24	1989	0	0	0	2.71	0.21	0	0	0	-2.8	0.1	0	0	11334.1	0
273	24	1989	0	0	0	1.3	0.13	0	0	0	-1.4	0.1	0	0	11335.4	0
274	24	1989	0	0	0	2.25	0.2	0	0	0	-2.3	0.1	0	0	11337.7	-0.01
275	24	1989	4.32	0	0	1.65	0.11	0	0	0	2.6	0.1	0	0	11339.3	-0.01
276	24	1989	0.76	0	0	4.45	0.18	0	0	0	-3.8	0.1	0	0	11343.8	-0.01
277	24	1989	0	0	0	4.19	0.13	0	0	0	-4.3	0.1	0	0	11348	-0.01
278	24	1989	0	0	0	2.8	0.16	0	0	0	-2.9	0.1	0	0	11350.8	0
279	24	1989	3.05	0	0	2.63	0.12	0	0	0	0.3	0.1	0	0	11353.4	0
280	24	1989	0.51	0	0	3.03	0.12	0	0	0	-2.6	0.1	0	0	11356.4	-0.01
281	24	1989	1.78	0	0	1.45	0.03	0	0	0	0.2	0.1	0	0	11357.9	-0.01
282	24	1989	1.52	0	0	1.37	0.03	0	0	0	0.1	0.1	0	0	11359.2	0
283	24	1989	0.76	0	0	2	0.14	0	0	0	-1.3	0.1	0	0	11361.2	-0.01
284	24	1989	0	0	0	0.83	0.08	0	0	0	-0.9	0.1	0	0	11362.1	-0.01
285	24	1989	0	0	0	1.13	0.19	0	0	0	-1.2	0.1	0	0	11363.2	-0.01
286	24	1989	0	0	0	1.31	0.19	0	0	0	-1.4	0.1	0	0	11364.5	-0.01
287	24	1989	13.46	0	0	1.22	0.06	0	0	0	12.2	0.1	0	0	11365.7	0
288	24	1989	3.81	0	0	1.74	0.13	0	0	0	2.0	0.1	0	0	11367.5	-0.01
289	24	1989	1.02	0	0	2.38	0.29	0	0	0	-1.5	0.1	0	0	11369.8	-0.01
290	24	1989	17.02	0	0	1.76	0.08	0	0	0	15.2	0.1	0	0	11371.6	-0.01
291	24	1989	0.51	0	0	1.07	0.02	0	0	0	-0.7	0.1	0	0	11372.7	-0.01
292	24	1989	6.6	0	0	1.28	0.01	0	0	0	5.3	0.1	0	0	11373.9	-0.02
293	24	1989	25.65	0	0	1.6	0.05	0	0	0	24.0	0.1	0	0	11375.5	-0.01
294	24	1989	0.25	0	0	2.06	0.11	0	0	0	-1.9	0.1	0	0	11377.6	-0.01
295	24	1989	3.56	0	0	1.25	0.04	0	0	0	2.2	0.1	0	0	11378.8	-0.01
296	24	1989	0	0	0	0.88	0.24	0	0	0	-1.0	0.1	0	0	11379.7	-0.01
297	24	1989	0	0	0	0.76	0.25	0	0	0	-0.9	0.1	0	0	11380.5	0
298	24	1989	0	0	0	0.62	0.21	0	0	0	-0.7	0.1	0	0	11381.1	0
299	24	1989	0	0	0	0.86	0.19	0	0	0	-1.0	0.1	0	0	11382	-0.01
300	24	1989	0	0	0	1.36	0.25	0	0	0	-1.5	0.1	0	0	11383.3	-0.01
301	24	1989	0	0	0	0.6	0.18	0	0	0	-0.7	0.1	0	0	11383.9	-0.01
302	24	1989	0	0	0	1	0.24	0	0	0	-1.1	0.1	0	0	11384.9	-0.01
303	24	1989	0	0	0	1.29	0.25	0	0	0	-1.4	0.1	0	0	11386.2	-0.01
304	24	1989	19.05	0	0	1.47	0.14	0	0	0	17.5	0.1	0	0	11387.7	-0.01
305	24	1989	0	0	0	2.73	0.18	0	0	0	-2.8	0.1	0	0	11390.4	-0.02
306	24	1989	0	0	0	1.28	0.12	0	0	0	-1.4	0.1	0	0	11391.7	-0.01
307	24	1989	7.87	0	0	1.49	0.04	0	0	0	6.3	0.1	0	0	11393.2	-0.01
308	24	1989	0	0	0	1.23	0	0	0	0	-1.3	0.1	0	0	11394.4	0
309	24	1989	0	0	0	1.18	0.16	0	0	0	-1.3	0.1	0	0	11395.6	0
310	24	1989	1.27	0	0	1.33	0.14	0	0	0	-0.2	0.1	0	0	11396.9	0
311	24	1989	5.33	0	0	0.82	0	0	0	0	4.4	0.1	0	0	11397.7	-0.01
312	24	1989	0.25	0	0	0.68	0.07	0	0	0	-0.5	0.1	0	0	11398.4	-0.01
313	24	1989	4.32	0	0	1.19	0.1	0	0	0	3.0	0.1	0	0	11399.6	-0.02
314	24	1989	1.52	0	0	1.59	0.06	0	0	0	-0.1	0.1	0	0	11401.2	-0.03
315	24	1989	3.05	0	0	1.59	0.07	0	0	0	1.4	0.1	0	0	11402.8	-0.01
316	24	1989	0.76	0	0	1.54	0.06	0	0	0	-0.9	0.1	0	0	11404.3	-0.02
317	24	1989	0	0	0	1.41	0.2	0	0	0	-1.5	0.1	0	0	11405.7	-0.01
318	24	1989	0	0	0	1.65	0.37	0	0	0	-1.7	0.1	0	0	11407.4	-0.01
319	24	1989	0.25	0	0	1.22	0.25	0	0	0	-1.1	0.1	0	0	11408.6	-0.01
320	24	1989	22.1	0	0	2.36	0.21	0	0	0	19.7	0.1	0	0	11411	-0.01
321	24	1989	0	0	0	2.5	0	0	0	0	-2.6	0.1	0	0	11413.5	-0.03
322	24	1989	0.25	0	0.22	2.36	0	0	0	0	-2.2	0.1	0	0	11415.8	0
323	24	1989	0.76	0	0	1.04	0	0	0.75	0	-1.1	0.1	0	0	11416.9	-0.01
324	24	1989	13.72	0	14.3	0.01	0.04	0	-0.75	0	0.1	0.1	14.22	0	11416.9	-0.01
325	24	1989	3.05	0	0	1.65	0	0	2.8	0	-1.5	0.1	0	0	11418.5	-0.02
326	24	1989	0.25	0	0	0.14	0	0	0.51	0	-0.5	0.1	0	0	11418.7	-0.01
327	24	1989	0	0	0	0.2	0	0	0.19	0	-0.5	0.1	0	0	11418.9	-0.01
328	24	1989	0	0	0	0.37	0	0	-0.04	0	-0.4	0.1	0	0	11419.2	0
329	24	1989	0	0	0.83	0.24	0.12	0	-0.8	0	-0.4	0.1	0.83	0	11419.5	0
330	24	1989	3.56	0	5.59	0.07	0.05	0	-2.66	0	0.2	0.1	5.8	0	11419.5	-0.01
331	24	1989	0	0	0	0.78	0.1	0	0	0	-0.9	0.1	0	0	11420.3	-0.01
332	24	1989	0.25	0	0	1.12	0.21	0	0	0	-1.2	0.1	0.22	0	11421.4	0.04
333	24	1989	0.76	0	0	1.34	0	0	0.77	0	-1.4	0.1	0	0	11422.8	-0.01
334	24	1989	1.27	0	0	0.26	0	0	1.4	0	-0.5	0.1	0	0	11423	0
335	24	1989	0.25	0	0	0.12	0	0	0.56	0	-0.5	0.1	0	0	11423.2	-0.01
336	24	1989	0	0	0	0.14	0	0	0.16	0	-0.4	0.1	0	0	11423.3	0
337	24	1989	0.51	0	0	0.41	0	0	0.39	0	-0.4	0.1	0	0	11423.7	-0.01
338	24	1989	0.51	0	0	0.22	0	0	0.62	0	-0.4	0.1	0	0	11423.9	-0.01
339	24	1989	0	0	0	0.12	0	0	0.14	0	-0.4	0.1	0	0	11424.1	0
340	24	1989	5.08	0	0.02	0.17	0	0	4.99	0	-0.2	0.1	0	0	11424.2	0
341	24	1989	2.29	0	0	0.37	0	0	2.09	0	-0.3	0.1	0	0	11424.6	0
342	24	1989	0	0	0	0.05	0	0	0.15	0	-0.3	0.1	0	0	11424.7	0
343	24	1989	0	0	0	0.05	0	0	0.2	0	-0.4	0.1	0	0	11424.7	0
344	24	1989	0	0	0	0.04	0	0	0.13	0	-0.3	0.1	0	0	11424.7	0
345	24	1989	0.76	0	0	0.08	0	0	0.81	0	-0.3	0.1	0	0	11424.8	0
346	24	1989	0	0	0	0.02	0	0	0.21	0	-0.4	0.1	0	0	11424.8	-0.01
347	24	1989	0	0	0	0.09	0	0	0.15	0	-0.4	0.1	0	0	11424.9	-0.01
348	24	1989	0	0	0	0.05	0	0	0.22	0	-0.4	0.1	0	0	11425	0
349	24	1989	2.29	0	0	0.17	0	0	2.26	0	-0.3	0.1	0	0	11425.2	0
350	24	1989	2.29	0	0	0.05	0	0	2.34	0	-0.2	0.1	0	0	11425.2	0
351	24	1989	3.05	0	0	0.01	0	0	3.11	0	-0.2	0.1	0	0	11425.2	0
352	24	1989	0	0	0	0.1	0	0	-0.01	0	-0.2	0.1	0	0	11425.3	0
353	24	1989	0.51	0	0	0.03	0	0	0.58	0	-0.2	0.1	0	0	11425.3	0
354	24	1989	1.27	0	0	0	0	0	1.37	0	-0.2	0.1	0	0	11425.3	0
355	24	1989	3.56	0	0	0.02	0	0	3.63	0	-0.2	0.1	0	0	11425.4	0
356	24	1989	0	0	0	-0.01	0	0	0.09	0	-0.2	0.1	0	0	11425.3	0
357	24	1989	0.25	0	0	0.02	0	0	0.32	0	-0.2	0.1	0	0	11425.4	0
358	24	1989	0.25	0	0	0.01	0	0	0.34	0	-0.3	0.2	0	0	11425.4	0
359	24	1989	0.76	0	0	-0.02	0	0	0.87	0	-0.2	0.2	0	0	11425.4	0
360	24	1989	1.78	0	0	-0.21	0	0	2.05	0	-0.2	0.2	0	0	11425.1	0.01
361	24	1989	0.25	0	0	-0.02	0	0	0.38	0	-0.3	0.2	0	0	11425.1	0
362	24	1989	6.1	0	0	-0.08	0	0	6.24	0	-0.2	0.2	0	0	11425.1	0
363	24	1989	3.05	0	0	-0.05	0	0	3.14	0	-0.2	0.2	0	0	11425	0
364	24	1989	1.52	0	0	0.05	0	0	1.52	0	-0.2	0.2	0	0	11425	0
365	24	1989	17.78	0	24.95	-0.03	0.09	0	-7.05	0	2.0	0.2	22.67	0	11425	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
1	24	1990	1.27	0	0	0.35	0	0	0.96	0	-0.2	0.2	0	0	11425.4	0
2	24	1990	0	0	0	0.06	0	0	0.01	0	-0.2	0.2	0	0	11425.4	0
3	24	1990	0	0	0.44	0.06	0.04	0	-0.41	0	-0.2	0.2	0.44	0	11425.5	0
4	24	1990	0.25	0	4.33	0	0.12	0	-3.97	0	-0.2	0.2	4.3	0	11425.5	0
5	24	1990	0	0	0.43	0.06	0	0	-0.44	0	-0.2	0.2	0.42	0	11425.5	0
6	24	1990	0.25	0	0	0.08	0	0	0.28	0	-0.3	0.2	0	0	11425.6	-0.01
7	24	1990	0	0	0.16	0.11	0.04	0	-0.15	0	-0.3	0.2	0.16	0	11425.7	-0.01
8	24	1990	0	0	0.64	0.05	0.05	0	-0.63	0	-0.2	0.2	0.64	0	11425.8	0
9	24	1990	1.02	0	0.28	0.15	0.07	0	0.69	0	-0.3	0.2	0.28	0	11425.9	0
10	24	1990	6.1	0	5.49	0.17	0	0	0.44	0	-0.2	0.2	5.49	0	11426.1	0
11	24	1990	2.29	0	1.94	0.16	0	0	0.19	0	-0.2	0.2	1.94	0	11426.3	0
12	24	1990	1.27	0	0	0.24	0	0	1.08	0	-0.2	0.2	0	0	11426.5	-0.01
13	24	1990	0.25	0	0	0.19	0	0	0.13	0	-0.2	0.2	0	0	11426.7	-0.01
14	24	1990	0.25	0	0	0.17	0	0	0.13	0	-0.2	0.2	0	0	11426.9	0
15	24	1990	0.25	0	0	0.06	0	0	0.19	0	-0.2	0.2	0	0	11426.9	0
16	24	1990	1.02	0	0.67	0.23	0.13	0	0.22	0	-0.3	0.2	0.67	0	11427.2	0
17	24	1990	1.02	0	8.66	-0.04	0.16	0	-7.47	0	-0.3	0.2	8.66	0	11427.1	0
18	24	1990	5.59	0	15.76	0.15	0.2	0	-10.1	0	0.1	0.2	15.34	0	11427.3	-0.02
19	24	1990	0	0	0	0.79	0	0	-0.7	0	-0.3	0.2	0	0	11428.1	0
20	24	1990	0	0	0	0.21	0	0	-0.17	0	-0.2	0.2	0	0	11428.3	0.01
21	24	1990	2.03	0	2.37	0.41	0	0	-0.7	0	-0.2	0.2	2.37	0	11428.7	0
22	24	1990	1.52	0	4.48	0.23	0	0	-3.12	0	-0.2	0.2	4.48	0	11428.9	0
23	24	1990	0	0	2.95	0.08	0	0	-2.95	0	-0.2	0.2	2.95	0	11429	-0.01
24	24	1990	0.76	0	7.05	0.43	0.36	0	-6.37	0	-0.5	0.2	7.05	0	11429.4	0
25	24	1990	0.25	0	1.28	0.47	0.39	0	-1.3	0	0.4	0.2	0.52	0.04	11429.9	-0.01
26	24	1990	2.29	0	0	0.93	0.12	0	0	0	-0.6	0.2	1.87	0	11430.8	-0.02
27	24	1990	0	0	0	1.11	0.18	0	0	0	-1.3	0.2	0	0	11431.9	-0.01
28	24	1990	0	0	0	1.38	0.28	0	0	0	-1.5	0.2	0	0	11433.3	-0.01
29	24	1990	21.59	0	0	0.33	0	0	21.51	0	-0.4	0.2	0	0	11433.6	0
30	24	1990	4.83	0	0	0.07	0	0	4.88	0	-0.3	0.2	0	0	11433.7	-0.01
31	24	1990	0	0	0.18	0.1	0.08	0	-0.09	0	-0.2	0.2	0	0	11433.8	-0.01
32	24	1990	1.52	0	1.12	0.24	0.14	0	0.42	0	0.6	0.2	0.12	0	11434	0
33	24	1990	18.8	0	0	-0.07	0	0	18.98	0	-0.3	0.2	0	0	11434	-0.01
34	24	1990	0.25	0	0	0.01	0	0	0.31	0	-0.2	0.2	0	0	11434	0.01
35	24	1990	7.87	0	0	-0.05	0	0	8	0	-0.2	0.2	0	0	11433.9	0
36	24	1990	0.25	0	0	-0.14	0	0	0.45	0	-0.2	0.2	0	0	11433.8	0
37	24	1990	0	0	0	-0.15	0	0	0.2	0	-0.2	0.2	0	0	11433.6	0
38	24	1990	0	0	0.35	-0.18	0	0	-0.16	0	-0.2	0.2	0.35	0	11433.4	0
39	24	1990	0	0	0.65	-0.08	0.01	0	-0.57	0	-0.1	0.2	0.62	0	11433.4	0
40	24	1990	2.03	0	4.88	-0.02	0.07	0	-2.78	0	0.0	0.2	4.63	0	11433.3	0
41	24	1990	9.14	0	12.74	0.09	0.05	0	-3.64	0	0.3	0.2	12.22	0	11433.4	0
42	24	1990	0	0	1.42	0.08	0	0	-1.46	0	0.0	0.2	1.25	0	11433.5	0
43	24	1990	0	0	0.6	0.08	0	0	-0.64	0	-0.2	0.2	0.6	0	11433.6	0
44	24	1990	0	0	5.52	0.25	0.21	0	-5.57	0	-0.4	0.2	5.51	0	11433.8	0
45	24	1990	0.76	0	4.48	0.34	0.14	0	-3.91	0	-0.3	0.2	4.44	0	11434.2	-0.01
46	24	1990	41.15	0	0	0.01	0	0	41.17	0	-0.2	0.2	0	0	11434.2	0
47	24	1990	5.84	0	4.03	-0.26	0	0	2.05	0	-0.1	0.2	4.02	0	11433.9	0
48	24	1990	0	0	0	0.81	0	0	-0.81	0	-0.2	0.2	0	0	11434.7	0
49	24	1990	0	0	0	0.39	0	0	-0.38	0	-0.2	0.2	0	0	11435.1	0
50	24	1990	0.51	0	0	0.63	0	0	-0.11	0	-0.2	0.2	0	0	11435.8	0
51	24	1990	0	0	0	0.53	0	0	-0.51	0	-0.2	0.2	0	0	11436.3	0
52	24	1990	0	0	0.76	0.21	0	0	-0.95	0	-0.2	0.2	0.75	0	11436.5	0
53	24	1990	3.3	0	12.16	0.02	0.07	0	-8.83	0	0.2	0.2	11.8	0	11436.5	0
54	24	1990	0.76	0	11.72	0.03	0.15	0	-10.85	0	1.6	0.2	9.78	0	11436.6	0
55	24	1990	0.25	0	0.31	0.29	0	0	-0.33	0	0.1	0.1	0	0	11436.8	0
56	24	1990	4.57	0	0	0.34	0	0	4.27	0	-0.2	0.2	0	0	11437.2	0
57	24	1990	0.25	0	0	0.1	0	0	0.18	0	-0.2	0.2	0	0	11437.3	0
58	24	1990	1.78	0	0	0.11	0	0	1.68	0	-0.2	0.2	0	0	11437.4	0
59	24	1990	1.27	0	0	0.28	0	0	1.01	0	-0.2	0.2	0	0	11437.7	0
60	24	1990	1.52	0	0	0.62	0	0	0.91	0	-0.2	0.2	0	0	11438.3	0
61	24	1990	0	0	2.42	0.54	0.24	0	-2.73	0	-0.4	0.2	2.42	0	11438.8	0
62	24	1990	0	0	1.25	0.31	0	0	-1.55	0	-0.2	0.2	1.25	0	11439.1	0
63	24	1990	0.51	0	0	0.39	0	0	0.16	0	-0.2	0.2	0	0	11439.5	-0.01
64	24	1990	0.25	0	0	0.24	0	0	0.04	0	-0.2	0.2	0	0	11439.8	0
65	24	1990	0	0	0	0.44	0	0	-0.41	0	-0.2	0.2	0	0	11440.2	0
66	24	1990	0	0	0	0.22	0	0	-0.19	0	-0.2	0.2	0	0	11440.4	0
67	24	1990	0	0	0	0.29	0.09	0	-0.2	0	-0.3	0.2	0	0	11440.7	0
68	24	1990	0	0	0.73	0.27	0.18	0	-0.84	0	-0.3	0.2	0.73	0	11441	0
69	24	1990	0	0	7.12	0.23	0.27	0	-7.09	0	-0.2	0.2	6.85	0	11441.2	0
70	24	1990	2.54	0	15.98	0.59	0.23	0	-13.8	0	2.3	0.2	13.28	0	11441.8	0
71	24	1990	24.64	0.12	36.48	0.14	0.01	0	-12.09	0	7.4	0.2	28.94	0	11442	0
72	24	1990	0.25	0	18.21	0.29	0.42	0	-17.71	0	13.2	0.2	4.47	0	11442.3	0
73	24	1990	8.64	0	16.13	0.95	0.53	0	-7.99	0	4.2	0.2	11.39	0	11443.2	-0.02
74	24	1990	0	0	0	0.88	0.81	0	0	0	-1.0	0.2	0	0	11444.1	-0.03
75	24	1990	0.25	0	0	1.86	0.97	0	0	0	-1.8	0.2	0	0	11445.9	-0.01
76	24	1990	22.35	0	0	3.06	0.55	0	0	0	19.2	0.2	0	0	11449	-0.04
77	24	1990	0.25	0	0	3.1	0.37	0	0	0	-3.0	0.2	0	0	11452.1	-0.04
78	24	1990	5.08	0	0	1.66	0.12	0	0	0	3.3	0.2	0	0	11453.8	-0.01
79	24	1990	11.68	0	0	2.09	0	0	0	0	9.5	0.2	0	0	11455.9	-0.03
80	24	1990	0	0	0	2.53	0.34	0	0	0	-2.7	0.2	0	0	11458.4	-0.02
81	24	1990	0	0	0	2.8	0.73	0	0	0	-2.9	0.2	0	0	11461.2	-0.02
82	24	1990	2.03	0	0	3.28	0.54	0	0	0	-1.4	0.2	0	0	11464.5	-0.03
83	24	1990	1.02	0	0.15	0.98	0	0	0.64	0	-0.8	0.2	0	0	11465.5	0
84	24	1990	0	0	0.39	1.26	0.28	0	-0.64	0	-0.8	0.2	0	0	11466.7	-0.01
85	24	1990	0.51	0	0.38	2.71	0	0	0	0	-2.3	0.2	0	0	11469.4	-0.02
86	24	1990	0	0	0	2.2	0	0	0	0	-2.3	0.2	0	0	11471.6	0
87	24	1990	0	0	0	1.54	0.29	0	0	0	-1.7	0.2	0	0	11473.2	0
88	24	1990	0	0	0	2.14	0.48	0	0	0	-2.3	0.2	0	0	11475.3	-0.01
89	24	1990	12.45	0	0	1.72	0	0	0	0	10.6	0.2	0	0	11477	-0.01
90	24	1990	0	0	0	1.1	0.35	0	0	0	-1.3	0.2	0	0	11478.1	0
91	24	1990	11.43	0	0	1.01	0.02	0	0	0	10.3	0.2	0	0	11479.1	0
92	24	1990	3.05	0	0	2.03	0.22	0	0	0	0.9	0.2	0	0	11481.2	-0.03
93	24	1990	9.65	0	0	1.36	0.01	0	0	0	8.2	0.2	0	0	11482.5	-0.02
94	24	1990	19.3	0	0	1.77	0	0	0	0	17.4	0.2	0	0	11484.3	-0.03
95	24	1990	5.08	0	0	2.61	0.24	0	0	0	2.4	0.2	0	0	11486.9	-0.05
96	24	1990	1.02	0	0	1.88	0	0	0	0	-1.0	0.2	0	0	11488.8	-0.03
97	24	1990	0	0	0	2.09	0.29	0	0	0	-2.2	0.2	0	0	11490.9	-0.02
98	24	1990	0	0	0	2.6	0.48	0	0	0	-2.7	0.2	0	0	11493.5	-0.01
99	24	1990	0	0	0	2.72	0.91	0	0	0	-2.9	0.2	0	0	11496.2	0
100	24	1990	19.81	0	0	1.76	0.28	0	0	0	17.9	0.2	0	0	11498	0
101	24	1990	2.29	0	0	2.83	0.31	0	0	0	-0.7	0.2	0	0	11500.8	-0.04
102	24	1990	0	0	0	2.44	0	0	0	0	-2.6	0.2	0	0	11503.2	-0.01
103	24	1990	0	0	0	1.82	0.48	0	0	0	-2.0	0.2	0	0	11505.1	-0.01
104	24	1990	4.57	0	0	2.96	0.43	0	0	0	1.5	0.2	0	0	11508	-0.01
105	24	1990	1.02	0	0	3.49	0.84	0	0	0	-2.6	0.2	0	0	11511.5	-0.01
106	24	1990	0	0	0	2.49	0.76	0	0	0	-2.6	0.2	0	0	11514	-0.02
107	24	1990	3.56	0	0	4.47	0.73	0	0	0	-1.1	0.2	0	0	11518.5	-0.03
108	24	1990	0	0	0	2.56	0.39	0	0	0	-2.7	0.2	0	0	11521	-0.02
109	24	1990	0	0	0	2.47	1.01	0	0	0	-2.6	0.2	0	0	11523.5	-0.01
110	24	1990	5.59	0	0	5.01	1.04	0	0	0	0.4	0.2	0	0	11528.5	-0.01
111	24	1990	4.57	0	0	2.44	0.27	0	0	0	2.0	0.2	0	0	11530.9	-0.03
112	24	1990	0	0	0	2.2	0.87	0	0	0	-2.4	0.2	0	0	11533.1	-0.02
113	24	1990	0	0	0	4.24	1.36	0	0	0	-4.4	0.2	0	0	11537.4	-0.02
114	24	1990	0	0	0	2.47	1.19	0	0	0	-2.6	0.2	0	0	11539.9	-0.03
115	24	1990	12.95	0	0	2.2	0.8	0	0	0	10.6	0.2	0	0	11542.1	-0.03
116	24	1990	0	0	0	3.21	1.53	0	0	0	-3.4	0.2	0	0	11545.3	-0.03
117	24	1990	0	0	0	3.57	1.58	0	0	0	-3.7	0.2	0	0	11548.8	-0.04
118	24	1990	0	0	0	2.83	1.57	0	0	0	-3.0	0.2	0	0	11551.7	-0.02
119	24	1990	0	0	0	4.18	1.55	0	0	0	-4.4	0.2	0	0	11555.9	-0.02
120	24	1990	0	0	0	4.61	1.37	0	0	0	-4.8	0.2	0	0	11560.5	-0.03
121	24	1990	0	0	0	2.98	1.11	0	0	0	-3.2	0.2	0	0	11563.4	-0.01
122	24	1990	0	0	0	4.45	1.09	0	0	0	-4.7	0.2	0	0	11567.9	-0.03
123	24	1990	0	0	0	3.87	1.15	0	0	0	-4.1	0.2	0	0	11571.8	-0.01
124	24	1990	7.62	0	0	3.91	0.87	0	0	0	3.5	0.3	0	0	11575.7	0.01
125	24	1990	16	0	0	3.69	0.25	0	0	0	12.1	0.3	0	0	11579.4	-0.02
126	24	1990	0	0	0	2.54	0.88	0	0	0	-2.8	0.3	0	0	11581.9	-0.02
127	24	1990	10.16	0	0	2.92	0.36	0	0	0	7.0	0.3	0	0	11584.8	-0.02
128	24	1990	0	0	0	2.39	1.16	0	0	0	-2.7	0.3	0	0	11587.2	-0.02
129	24	1990	0	0	0	4.21	1.61	0	0	0	-4.5	0.3	0	0	11591.4	-0.02
130	24	1990	5.08	0	0	3.26	0.58	0	0	0	1.6	0.3	0	0	11594.7	-0.03
131	24	1990	1.52	0	0	3.8	0.47	0	0	0	-2.5	0.3	0	0	11598.5	-0.05
132	24	1990	3.05	0	0	2.95	0.66	0	0	0	-0.2	0.3	0	0	11601.4	-0.01
133	24	1990	28.7	0	0	2.84	0.31	0	0	0	25.6	0.3	0	0	11604.3	-0.02
134	24	1990	0	0	0	4.29	1.46	0	0	0	-4.6	0.3	0	0	11608.6	-0.03
135	24	1990	0	0	0	4.06	1.52	0	0	0	-4.4	0.3	0	0	11612.6	-0.02
136	24	1990	15.49	0	0	2.46	0.35	0	0	0	12.8	0.3	0	0	11615.1	-0.05
137	24	1990	10.16	0	0	6.08	1.5	0	0	0	3.8	0.3	0	0	11621.2	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
138	24	1990	5.33	0	0	4.09	0.5	0	0	0	1.0	0.3	0	0	11625.3	-0.07
139	24	1990	0	0	0	3.2	0.81	0	0	0	-3.5	0.3	0	0	11628.5	-0.04
140	24	1990	17.78	0	0	3.05	0.18	0	0	0	14.4	0.3	0	0	11631.5	-0.04
141	24	1990	2.29	0	0	3.07	0.28	0	0	0	-1.1	0.4	0	0	11634.6	-0.03
142	24	1990	0	0	0	2.51	0.95	0	0	0	-2.9	0.4	0	0	11637.1	-0.02
143	24	1990	0	0	0	3.33	1.23	0	0	0	-3.7	0.4	0	0	11640.4	-0.01
144	24	1990	0	0	0	4.61	1.47	0	0	0	-5.0	0.4	0	0	11645	0
145	24	1990	0	0	0	3.78	1.48	0	0	0	-4.1	0.4	0	0	11648.8	-0.01
146	24	1990	0	0	0	2.18	1.08	0	0	0	-2.5	0.4	0	0	11651	-0.01
147	24	1990	0	0	0	2.56	1.29	0	0	0	-2.9	0.4	0	0	11653.6	0
148	24	1990	0	0	0	5.01	1.85	0	0	0	-5.4	0.4	0	0	11658.6	-0.01
149	24	1990	19.56	0	0	2.65	0.4	0	0	0	16.5	0.4	0	0	11661.2	-0.01
150	24	1990	0	0	0	5.04	1.4	0	0	0	-5.4	0.4	0	0	11666.3	-0.02
151	24	1990	0	0	0	5.09	1.82	0	0	0	-5.5	0.4	0	0	11671.4	0
152	24	1990	0	0	0	4.19	1.87	0	0	0	-4.6	0.4	0	0	11675.6	0.01
153	24	1990	0	0	0	3.97	1.76	0	0	0	-4.4	0.4	0	0	11679.5	-0.01
154	24	1990	3.3	0	0	4.27	1.56	0	0	0	-1.4	0.4	0	0	11683.8	-0.01
155	24	1990	4.06	0	0	5.5	1.01	0	0	0	-1.8	0.4	0	0	11689.3	-0.03
156	24	1990	0	0	0	5.36	1.58	0	0	0	-5.8	0.4	0	0	11694.7	-0.02
157	24	1990	0.51	0	0	4.97	1.81	0	0	0	-4.9	0.4	0	0	11699.6	-0.01
158	24	1990	1.02	0	0	5.39	1.58	0	0	0	-4.8	0.4	0	0	11705	-0.02
159	24	1990	11.43	0	0	2.99	0.66	0	0	0	8.0	0.4	0	0	11708	-0.02
160	24	1990	0	0	0	2.03	1.21	0	0	0	-2.5	0.4	0	0	11710.1	0
161	24	1990	0.25	0	0	3.85	1.14	0	0	0	-4.0	0.4	0	0	11713.9	-0.02
162	24	1990	0	0	0	4.68	1.55	0	0	0	-5.1	0.4	0	0	11718.6	-0.03
163	24	1990	0	0	0	5.03	1.99	0	0	0	-5.5	0.4	0	0	11723.6	-0.01
164	24	1990	0	0	0	5.1	2.11	0	0	0	-5.5	0.4	0	0	11728.7	-0.02
165	24	1990	0.76	0	0	2.72	1.57	0	0	0	-2.4	0.4	0	0	11731.4	0
166	24	1990	0	0	0	3.66	1.72	0	0	0	-4.1	0.5	0	0	11735.1	-0.01
167	24	1990	0	0	0	5.28	2.11	0	0	0	-5.7	0.5	0	0	11740.4	-0.02
168	24	1990	0	0	0	6	2.43	0	0	0	-6.4	0.5	0	0	11746.4	-0.03
169	24	1990	19.05	0	0	6.5	1.84	0	0	0	12.1	0.5	0	0	11752.9	-0.02
170	24	1990	0.25	0	0	4.89	1.37	0	0	0	-5.1	0.5	0	0	11757.8	-0.02
171	24	1990	0	0	0	5.1	1.96	0	0	0	-5.5	0.5	0	0	11762.9	-0.02
172	24	1990	5.33	0	0	2.45	0.65	0	0	0	2.4	0.5	0	0	11765.3	0.03
173	24	1990	12.7	0	0	3.68	1.29	0	0	0	8.6	0.5	0	0	11769	-0.03
174	24	1990	5.08	0	0	4.96	1.44	0	0	0	-0.3	0.5	0	0	11774	-0.01
175	24	1990	0	0	0	4.71	1.61	0	0	0	-5.2	0.5	0	0	11778.7	-0.01
176	24	1990	0	0	0	4.14	1.47	0	0	0	-4.6	0.5	0	0	11782.8	-0.01
177	24	1990	0	0	0	4.22	1.92	0	0	0	-4.7	0.5	0	0	11787	-0.01
178	24	1990	7.62	0	0	4.75	1.27	0	0	0	2.4	0.5	0	0	11791.8	0
179	24	1990	0	0	0	5.05	1.67	0	0	0	-5.5	0.5	0	0	11796.9	-0.02
180	24	1990	1.52	0	0	5.26	1.47	0	0	0	-4.2	0.5	0	0	11802.1	-0.01
181	24	1990	1.27	0	0	4.29	1.19	0	0	0	-3.5	0.5	0	0	11806.4	-0.01
182	24	1990	1.27	0	0	4.92	1.44	0	0	0	-4.1	0.5	0	0	11811.3	-0.02
183	24	1990	0	0	0	5.07	2.11	0	0	0	-5.5	0.5	0	0	11816.4	-0.01
184	24	1990	0	0	0	5.15	2.18	0	0	0	-5.6	0.5	0	0	11821.5	-0.02
185	24	1990	0.51	0	0	6.21	3.13	0	0	0	-6.2	0.5	0	0	11827.7	-0.01
186	24	1990	0	0	0	3.95	2.39	0	0	0	-4.4	0.5	0	0	11831.7	-0.01
187	24	1990	0	0	0	2.92	2.61	0	0	0	-3.4	0.5	0	0	11834.6	-0.01
188	24	1990	0	0	0	2.66	2.5	0	0	0	-3.1	0.5	0	0	11837.3	-0.01
189	24	1990	0	0	0	2.2	2.32	0	0	0	-2.7	0.5	0	0	11839.5	0
190	24	1990	4.32	0	0	4.89	1.73	0	0	0	-1.0	0.5	0	0	11844.4	-0.01
191	24	1990	0	0	0	4.18	2.76	0	0	0	-4.6	0.5	0	0	11848.5	-0.01
192	24	1990	0	0	0	2.51	2.41	0	0	0	-2.9	0.4	0	0	11851	-0.01
193	24	1990	1.78	0	0	2.72	1.25	0	0	0	-1.4	0.4	0	0	11853.8	0
194	24	1990	0	0	0	1.87	1.63	0	0	0	-2.3	0.4	0	0	11855.6	-0.01
195	24	1990	0.76	0	0	2.32	1.61	0	0	0	-2.0	0.4	0	0	11858	0
196	24	1990	3.05	0	0	2.31	0.81	0	0	0	0.3	0.4	0	0	11860.3	-0.01
197	24	1990	5.59	0	0	3.62	1.01	0	0	0	1.6	0.4	0	0	11863.9	-0.02
198	24	1990	0.25	0	0	4.12	1.59	0	0	0	-4.3	0.4	0	0	11868	-0.01
199	24	1990	0	0	0	4.18	1.82	0	0	0	-4.6	0.4	0	0	11872.2	-0.02
200	24	1990	0	0	0	1.73	1.53	0	0	0	-2.2	0.4	0	0	11873.9	-0.01
201	24	1990	24.64	0	0	3.67	1.34	0	0	0	20.6	0.4	0	0	11877.6	-0.01
202	24	1990	0	0	0	5.23	2.1	0	0	0	-5.6	0.4	0	0	11882.8	-0.02
203	24	1990	0.51	0	0	4.3	1.7	0	0	0	-4.2	0.4	0	0	11887.1	-0.01
204	24	1990	39.37	0	0	3.59	0.69	0	0	0	35.4	0.4	0	0	11890.7	-0.01
205	24	1990	0	0	0	3.24	1.53	0	0	0	-3.6	0.4	0	0	11894	-0.01
206	24	1990	0	0	0	4.22	1.88	0	0	0	-4.6	0.4	0	0	11898.2	-0.01
207	24	1990	0	0	0	3.61	1.79	0	0	0	-4.0	0.4	0	0	11901.8	-0.01
208	24	1990	0	0	0	5.14	2.29	0	0	0	-5.5	0.4	0	0	11906.9	-0.02
209	24	1990	0	0	0	4.96	2.21	0	0	0	-5.3	0.4	0	0	11911.9	-0.01
210	24	1990	0	0	0	2.91	1.61	0	0	0	-3.3	0.4	0	0	11914.8	0
211	24	1990	0.51	0	0	5.3	2.29	0	0	0	-5.2	0.4	0	0	11920.1	-0.01
212	24	1990	11.94	0	0	2.78	0.47	0	0	0	8.8	0.4	0	0	11922.9	-0.03
213	24	1990	0	0	0	5.28	2.04	0	0	0	-5.6	0.4	0	0	11928.2	-0.02
214	24	1990	0	0	0	2.53	1.43	0	0	0	-2.9	0.4	0	0	11930.7	0
215	24	1990	0	0	0	4.13	2.06	0	0	0	-4.5	0.4	0	0	11934.8	0
216	24	1990	0	0	0	5.18	2.38	0	0	0	-5.6	0.4	0	0	11940	-0.01
217	24	1990	17.02	0	0	3.68	0.98	0	0	0	13.0	0.4	0	0	11943.7	0
218	24	1990	0.76	0	0	2.4	0.88	0	0	0	-2.0	0.4	0	0	11946.1	-0.01
219	24	1990	0.25	0	0	4.22	1.68	0	0	0	-4.3	0.4	0	0	11950.3	-0.02
220	24	1990	0	0	0	4.59	1.91	0	0	0	-4.9	0.4	0	0	11954.9	-0.02
221	24	1990	0	0	0	4.38	1.85	0	0	0	-4.7	0.4	0	0	11959.3	-0.01
222	24	1990	0	0	0	3.15	1.5	0	0	0	-3.5	0.4	0	0	11962.4	0
223	24	1990	0	0	0	2.53	1.39	0	0	0	-2.9	0.4	0	0	11964.9	0
224	24	1990	4.57	0	0	4.16	1.24	0	0	0	0.1	0.4	0	0	11969.1	-0.02
225	24	1990	10.67	0	0	4.32	1.28	0	0	0	6.0	0.3	0	0	11973.4	-0.01
226	24	1990	0	0	0	4.17	1.69	0	0	0	-4.5	0.3	0	0	11977.6	-0.02
227	24	1990	0	0	0	4.67	1.96	0	0	0	-5.0	0.3	0	0	11982.3	-0.03
228	24	1990	0	0	0	4.27	1.88	0	0	0	-4.6	0.3	0	0	11986.5	-0.01
229	24	1990	9.14	0	0	5.34	1.69	0	0	0	3.5	0.3	0	0	11991.9	-0.02
230	24	1990	0.51	0	0	4.84	1.96	0	0	0	-4.6	0.3	0	0	11996.7	-0.03
231	24	1990	9.4	0	0	4.43	0.97	0	0	0	4.6	0.3	0	0	12001.1	0
232	24	1990	0	0	0	2.93	1.29	0	0	0	-3.2	0.3	0	0	12004.1	-0.02
233	24	1990	0.25	0	0	1.91	0.8	0	0	0	-2.0	0.3	0	0	12006	0
234	24	1990	4.06	0	0	3.43	0.88	0	0	0	0.3	0.3	0	0	12009.4	0
235	24	1990	0	0	0	1.52	0.78	0	0	0	-1.8	0.3	0	0	12010.9	-0.01
236	24	1990	0	0	0	2.57	1.23	0	0	0	-2.9	0.3	0	0	12013.5	-0.02
237	24	1990	0	0	0	2.38	1.28	0	0	0	-2.7	0.3	0	0	12015.9	-0.03
238	24	1990	0	0	0	2.05	1.18	0	0	0	-2.3	0.3	0	0	12017.9	-0.03
239	24	1990	3.05	0	0	4.46	1.25	0	0	0	-1.7	0.3	0	0	12022.4	-0.01
240	24	1990	75.69	0	0	4.38	1.38	0	0	0	71.0	0.3	0	0	12026.8	-0.02
241	24	1990	0	0	0	4.03	1.65	0	0	0	-4.3	0.3	0	0	12030.8	-0.05
242	24	1990	0	0	0	4.05	1.89	0	0	0	-4.3	0.3	0	0	12034.9	0
243	24	1990	0	0	0	4.24	2.13	0	0	0	-4.5	0.3	0	0	12039.1	-0.02
244	24	1990	0	0	0	3.85	2.12	0	0	0	-4.1	0.3	0	0	12042.9	-0.01
245	24	1990	2.79	0	0	3.93	1.25	0	0	0	-1.4	0.3	0	0	12046.9	-0.02
246	24	1990	0	0	0	3.41	1.62	0	0	0	-3.7	0.3	0	0	12050.3	0
247	24	1990	0	0	0	3.83	2.09	0	0	0	-4.1	0.3	0	0	12054.1	-0.03
248	24	1990	1.78	0	0	3.17	1.25	0	0	0	-1.7	0.3	0	0	12057.3	0
249	24	1990	0	0	0	3.52	1.99	0	0	0	-3.8	0.3	0	0	12060.8	-0.01
250	24	1990	6.6	0	0	2.74	0.37	0	0	0	3.6	0.3	0	0	12063.5	-0.04
251	24	1990	0	0	0	2.85	1.5	0	0	0	-3.1	0.3	0	0	12066.4	-0.02
252	24	1990	12.95	0	0	3.95	0.99	0	0	0	8.7	0.3	0	0	12070.3	-0.01
253	24	1990	0	0	0	2.96	1.98	0	0	0	-3.2	0.3	0	0	12073.3	-0.01
254	24	1990	0	0	0	3.12	1.95	0	0	0	-3.4	0.3	0	0	12076.4	-0.01
255	24	1990	0	0	0	3.72	2.31	0	0	0	-4.0	0.3	0	0	12080.1	-0.03
256	24	1990	0	0	0	3.72	2.47	0	0	0	-4.0	0.3	0	0	12083.9	-0.03
257	24	1990	9.14	0	0	3.93	1.37	0	0	0	5.0	0.3	0	0	12087.8	-0.04
258	24	1990	8.13	0	0	3.24	0.44	0	0	0	4.7	0.3	0	0	12091	-0.04
259	24	1990	0	0	0	3.39	1.8	0	0	0	-3.6	0.3	0	0	12094.4	-0.02
260	24	1990	0	0	0	3.38	1.64	0	0	0	-3.6	0.3	0	0	12097.8	-0.03
261	24	1990	0	0	0	3.16	1.81	0	0	0	-3.4	0.3	0	0	12101	-0.02
262	24	1990	7.37	0.06	0	2.23	0.06	0	0	0	4.8	0.3	0	0	12103.2	0
263	24	1990	0	0	0	1.9	1.2	0	0	0	-2.1	0.3	0	0	12105.1	-0.02
264	24	1990	0	0	0	2.15	1.56	0	0	0	-2.4	0.3	0	0	12107.2	-0.03
265	24	1990	3.81	0	0	3.67	1.03	0	0	0	-0.1	0.3	0	0	12110.9	-0.01
266	24	1990	2.54	0	0	3.97	1.15	0	0	0	-1.6	0.2	0	0	12114.9	-0.04
267	24	1990	1.02	0	0	3.58	1.85	0	0	0	-2.8	0.2	0	0	12118.5	-0.03
268	24	1990	0	0	0	2.89	2.1	0	0	0	-3.1	0.2	0	0	12121.3	0
269	24	1990	8.89	0.3	0	2.19	0.23	0	0	0	6.2	0.2	0	0	12123.5	0
270	24	1990	0	0	0	2.32	1.49	0	0	0	-2.2	0.2	0	0	12125.8	-0.02
271	24	1990	0	0	0	2.55	2.14	0	0	0	-2.7	0.2	0	0	12128.4	-0.05
272	24	1990	7.62	0	0	3.27	0.82	0	0	0	4.1	0.2	0	0	12131.7	-0.01
273	24	1990	14.99	0	0	3.65	0.78	0	0	0	11.2	0.2	0	0	12135.3	-0.06
274	24	1990	0	0	0	2.74	1.8	0	0	0	-2.9	0.2	0	0	12138.1	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
275	24	1990	0	0	0	2.33	1.45	0	0	0	-2.5	0.2	0	0	12140.4	-0.03
276	24	1990	0	0	0	1.73	1.37	0	0	0	-1.9	0.2	0	0	12142.1	-0.03
277	24	1990	14.22	0	0	3.04	0.55	0	0	0	11.0	0.2	0	0	12145.2	-0.01
278	24	1990	0	0	0	3.69	2.94	0	0	0	-3.9	0.2	0	0	12148.8	-0.04
279	24	1990	0	0	0	4.57	4.32	0	0	0	-4.8	0.2	0	0	12153.4	0
280	24	1990	0	0	0	3.62	3.12	0	0	0	-3.8	0.2	0	0	12157	0
281	24	1990	2.79	0.73	0	1.76	0.12	0	0	0	0.1	0.2	0	0	12158.8	-0.03
282	24	1990	13.46	0.71	0	2.22	0	0	0	0	11.1	0.2	0	0	12161	-0.01
283	24	1990	5.08	0	0	3.21	0.31	0	0	0	2.4	0.2	0	0	12164.2	-0.02
284	24	1990	31.24	0.74	0	2.21	0.18	0	0	0	28.1	0.2	0	0	12166.4	-0.03
285	24	1990	9.4	0.83	0	1.93	0	0	0	0	7.2	0.2	0	0	12168.4	0
286	24	1990	15.24	0.82	0	1.93	0	0	0	0	13.1	0.2	0	0	12170.3	-0.01
287	24	1990	0.76	0.41	0	1.27	0	0	0	0	-0.3	0.2	0	0	12171.6	-0.01
288	24	1990	0	0	0	2.36	1.38	0	0	0	-2.1	0.2	0	0	12173.9	-0.03
289	24	1990	0	0	0	2.64	1.92	0	0	0	-2.8	0.2	0	0	12176.6	-0.04
290	24	1990	0	0	0	3.38	2.99	0	0	0	-3.6	0.2	0	0	12179.9	-0.03
291	24	1990	9.91	0	0	4.41	1.52	0	0	0	5.3	0.2	0	0	12184.3	-0.04
292	24	1990	1.27	0	0	3.4	1.29	0	0	0	-2.3	0.2	0	0	12187.7	-0.04
293	24	1990	0	0	0	1.84	1.54	0	0	0	-2.0	0.2	0	0	12189.6	-0.02
294	24	1990	0	0	0	2.47	2.08	0	0	0	-2.7	0.2	0	0	12192	-0.02
295	24	1990	6.86	1.52	0	1.39	0.16	0	0	0	3.7	0.2	0	0	12193.4	0
296	24	1990	37.08	1.27	0	1.68	0	0	0	0	35.5	0.2	0	0	12195.1	-0.01
297	24	1990	0	0	0	2.55	0.83	0	0	0	-1.5	0.2	0	0	12197.7	-0.02
298	24	1990	0.51	0	0	1.94	1.3	0	0	0	-1.6	0.2	0	0	12199.6	-0.03
299	24	1990	0	0	0	1.44	0.51	0	0	0	-1.6	0.2	0	0	12201	-0.05
300	24	1990	0	0	0	1.2	0.96	0	0	0	-1.4	0.2	0	0	12202.2	-0.02
301	24	1990	6.6	0.29	0	3.07	0.1	0	0	0	3.1	0.2	0	0	12205.3	-0.01
302	24	1990	0.25	0	0	1.62	0.64	0	0	0	-1.2	0.2	0	0	12206.9	-0.04
303	24	1990	0	0	0	0.99	0.88	0	0	0	-1.2	0.2	0	0	12207.9	-0.03
304	24	1990	0	0	0	1.51	1.42	0	0	0	-1.7	0.2	0	0	12209.4	-0.01
305	24	1990	0	0	0	1.43	1.29	0	0	0	-1.6	0.2	0	0	12210.9	-0.03
306	24	1990	0	0	0	2.06	1.94	0	0	0	-2.2	0.2	0	0	12212.9	-0.02
307	24	1990	0	0	0	1.66	1.66	0	0	0	-1.9	0.2	0	0	12214.6	0
308	24	1990	1.52	0	0	2.39	0.93	0	0	0	-1.0	0.2	0	0	12217	-0.06
309	24	1990	1.78	0	0	2.39	0.52	0	0	0	-0.8	0.2	0	0	12219.4	-0.04
310	24	1990	8.89	0	0	3.6	0.15	0	0	0	5.1	0.2	0	0	12223	-0.04
311	24	1990	2.03	0.18	0	1.86	0	0	0	0	-0.2	0.2	0	0	12224.8	-0.03
312	24	1990	1.27	0.11	0	1.39	0	0	0	0	-0.2	0.2	0	0	12226.2	-0.01
313	24	1990	2.29	0.25	0	1.89	0	0	0	0	0.1	0.2	0	0	12228.1	0
314	24	1990	21.59	2.36	0	0.7	0	0	0	0	18.6	0.2	0	0	12228.8	0
315	24	1990	8.13	0.8	0	2.98	0	0	0	0	6.5	0.2	0	0	12231.8	-0.01
316	24	1990	2.54	0.43	0.26	2.85	0	0	0	0	-0.1	0.2	0	0	12234.6	-0.01
317	24	1990	0	0	0	1.2	0	0	0	0	-0.9	0.2	0	0	12235.8	-0.02
318	24	1990	0	0	0	0.23	0	0	0	0	-0.4	0.2	0	0	12236.1	0.01
319	24	1990	0	0	0	1.81	1.83	0	0	0	-2.0	0.2	0	0	12237.9	0.02
320	24	1990	3.56	0	0	2.97	0.3	0	0	0	0.4	0.2	0	0	12240.8	0.01
321	24	1990	1.78	0	0	2.21	0.42	0	0	0	-0.6	0.2	0	0	12243	-0.05
322	24	1990	0	0	0	0.54	0	0	0	0	-0.7	0.2	0	0	12243.6	-0.01
323	24	1990	0	0	0	0.31	0	0	0	0	-0.5	0.2	0	0	12243.9	0
324	24	1990	0	0	0	0.39	0.36	0	0	0	-0.6	0.2	0	0	12244.3	0.03
325	24	1990	0.25	0	0	0.78	0.49	0	0	0	-0.7	0.2	0	0	12245.1	-0.03
326	24	1990	14.73	1	0	1.91	0.11	0	0	0	11.6	0.2	0	0	12247	0.02
327	24	1990	2.03	1.74	0	0.82	0	0	0	0	0.3	0.2	0	0	12247.8	-0.01
328	24	1990	0	0	0	2.63	0.5	0	0	0	-1.1	0.2	0	0	12250.4	-0.02
329	24	1990	0	0	0	1.9	1.65	0	0	0	-2.1	0.2	0	0	12252.3	-0.02
330	24	1990	0	0	0	1.05	0.78	0	0	0	-1.2	0.2	0	0	12253.4	-0.03
331	24	1990	8.13	1.02	0	1.83	0.09	0	0	0	5.1	0.2	0	0	12255.2	0.02
332	24	1990	0.25	0	0	2.35	1.12	0	0	0	-1.3	0.2	0	0	12257.6	-0.03
333	24	1990	0.51	0	0	1.97	0.82	0	0	0	-1.6	0.2	0	0	12259.5	-0.04
334	24	1990	0.76	0	0	1.01	0	0	0	0	-0.5	0.2	0	0	12260.5	-0.02
335	24	1990	0	0	0	1.65	1.24	0	0	0	-1.9	0.2	0	0	12262.2	-0.03
336	24	1990	0	0	0	1.01	0.75	0	0	0	-1.2	0.2	0	0	12263.2	0
337	24	1990	11.94	0.76	0.5	1.97	0	0	8.94	0	0.1	0.2	0	0	12265.2	-0.02
338	24	1990	13.46	1.26	15.04	1.3	0	0	-3.25	0	14.7	0.2	0	0	12266.5	0
339	24	1990	2.54	1.13	0	1.87	0	0	1.02	0	-0.4	0.2	0	0	12268.3	-0.01
340	24	1990	0	0	0.59	1.17	0	0	-0.48	0	0.2	0.2	0	0	12269.5	-0.01
341	24	1990	0	0	1.97	0.08	0	0	-1.93	0	1.6	0.2	0	0	12269.6	0
342	24	1990	0	0	2.24	0.44	0.42	0	-2.09	0	1.4	0.2	0	0	12270	0
343	24	1990	0	0	1.61	0.62	0.56	0	-2.21	0	1.3	0.3	0	0	12270.7	0
344	24	1990	0	0	0	1.02	0.6	0	0	0	-1.2	0.3	0	0	12271.7	-0.03
345	24	1990	0	0	0	0.65	0	0	0	0	-0.9	0.3	0	0	12272.3	0
346	24	1990	0	0	0	1.02	0.83	0	0	0	-1.3	0.3	0	0	12273.3	0.01
347	24	1990	2.29	0	0	2.4	0.54	0	0	0	-0.4	0.3	0	0	12275.7	-0.01
348	24	1990	0	0	0	0.65	0	0	0	0	-0.9	0.3	0	0	12276.4	-0.01
349	24	1990	1.02	0	0.28	1.03	0	0	0	0	-0.6	0.3	0	0.28	12277.4	0
350	24	1990	8.13	2.06	0	0.52	0	0	0	0	-0.3	0.3	5.8	0	12277.9	0.02
351	24	1990	0.51	1.37	0.14	1.14	0	0	0	0	-0.4	0.3	0	0.14	12279.1	0
352	24	1990	22.1	2.09	0	0.41	0	0	0	0	-0.3	0.3	21.09	0	12279.5	0
353	24	1990	0.25	1.64	0.07	0.78	0	0	0	0	-0.4	0.3	0	0	12280.3	-0.01
354	24	1990	0	0.5	0	1.45	0	0	0	0	-0.6	0.3	0	0	12281.7	0
355	24	1990	14.22	1.27	0	1.23	0	0	0	0	-0.3	0.3	12.19	0	12283	0
356	24	1990	0.25	0.99	0	0.38	0	0	0	0	-0.2	0.3	0	0	12283.3	0
357	24	1990	14.99	1.34	0	1.21	0	0	0	0	13.1	0.3	0	0	12284.5	-0.01
358	24	1990	15.24	1.12	0	1.62	0	0	14.32	0	-0.8	0.3	0	0	12286.2	0
359	24	1990	0	0	0	1.16	0	0	0.11	0	-0.5	0.3	0	0	12287.3	0
360	24	1990	0	0	0	0.11	0	0	0.07	0	-0.5	0.3	0	0	12287.4	-0.01
361	24	1990	0	0	0	0.13	0	0	0.08	0	-0.5	0.3	0	0	12287.6	0
362	24	1990	4.32	0.77	0	1.42	0	0	2.22	0	-0.4	0.3	0	0	12289	0.01
363	24	1990	1.52	0.55	3.84	1.19	0	0	-3.28	0	3.5	0.3	0	0	12290.2	0
364	24	1990	19.3	1.27	23.47	0.84	0	0	-5.71	0	23.1	0.3	0	0	12291	0
365	24	1990	1.02	0.78	0.03	1.27	0	0	0.48	0	-0.6	0.3	0	0	12292.3	0
1	24	1991	0	0	0	0.87	0	0	0.13	0	-0.6	0.3	0	0	12293.2	-0.01
2	24	1991	0	0	0.69	0.06	0	0	-0.64	0	0.2	0.4	0	0	12293.2	0
3	24	1991	0.76	0	0	0.65	0	0	0.34	0	-0.6	0.4	0	0	12293.9	-0.01
4	24	1991	0	0	0.19	0.2	0	0	-0.14	0	-0.4	0.4	0	0	12294.1	-0.01
5	24	1991	1.78	0.28	0.04	1	0	0	0.62	0	-0.5	0.4	0.04	0	12295.1	0
6	24	1991	0.76	0.19	0.08	0.63	0	0	0.19	0	-0.4	0.4	0.08	0	12295.7	0
7	24	1991	0	0	0	0.34	0	0	0.13	0	-0.6	0.4	0	0	12296	-0.01
8	24	1991	0	0	0	0.17	0	0	0.1	0	-0.6	0.4	0	0	12296.2	0
9	24	1991	4.83	1.27	0	0.94	0	0	2.67	0	-0.4	0.4	0	0	12297.2	0.01
10	24	1991	0.25	0	0	1.49	0	0	0.17	0	-0.5	0.4	0	0	12298.6	0
11	24	1991	16.51	0.6	0	0.88	0	0	15.16	0	-0.5	0.4	0	0	12299.5	0
12	24	1991	4.06	0.87	0	0.57	0	0	3.24	0	-0.4	0.4	0	0	12300.1	0
13	24	1991	0.51	0.64	0	0.5	0	0	0.27	0	-0.4	0.4	0	0	12300.6	0
14	24	1991	0.51	0.01	0	0.92	0	0	0.25	0	-0.4	0.4	0	0	12301.5	0
15	24	1991	0	0	0.45	0.35	0.35	0	-0.46	0	-0.7	0.4	0.45	0	12301.9	0
16	24	1991	17.53	1.53	16.11	0.35	0	0	-0.49	0	-0.4	0.4	16.11	0	12302.2	0
17	24	1991	4.06	0.97	3.71	1.13	0	0	-0.24	0	-0.4	0.4	3.7	0	12303.3	0
18	24	1991	1.27	0	0	1.8	0	0	0.46	0	-0.4	0.4	0	0	12305.1	-0.01
19	24	1991	0	0	0.82	0.56	0.52	0	-0.84	0	-0.9	0.4	0.81	0	12305.7	-0.01
20	24	1991	1.02	0	0.42	0.82	0.14	0	-0.05	0	-0.6	0.4	0.42	0	12306.5	-0.02
21	24	1991	0	0	0	0.18	0	0	-0.07	0	-0.5	0.4	0	0	12306.7	0
22	24	1991	0	0	0	0.13	0	0	-0.03	0	-0.5	0.4	0	0	12306.8	0
23	24	1991	1.02	0	0	0.72	0	0	0.35	0	-0.5	0.4	0	0	12307.6	0
24	24	1991	0.51	0	0	0.39	0	0	0.16	0	-0.5	0.4	0	0	12307.9	0
25	24	1991	0	0	0	0.13	0	0	-0.05	0	-0.5	0.4	0	0	12308.1	0
26	24	1991	0.51	0	0	0.37	0	0	0.19	0	-0.5	0.4	0	0	12308.4	0
27	24	1991	0	0	0.11	0.03	0	0	-0.12	0	-0.5	0.5	0.11	0	12308.5	0
28	24	1991	0.76	0	0.29	0.48	0	0	-0.01	0	-0.5	0.5	0.29	0	12309	0
29	24	1991	0	0	0.46	0.3	0.26	0	-0.49	0	-0.7	0.5	0.46	0	12309.2	0
30	24	1991	1.78	0	0.19	1.13	0	0	0.47	0	-0.5	0.5	0.19	0	12310.4	0
31	24	1991	3.56	0.98	0	0.96	0	0	1.65	0	-0.5	0.5	0	0	12311.3	-0.01
32	24	1991	0.51	0	0	1.36	0	0	0.18	0	-0.5	0.5	0	0	12312.7	0
33	24	1991	0	0	0.07	0.72	0.71	0	-0.07	0	-1.2	0.5	0.07	0	12313.4	0
34	24	1991	0	0	0.41	1.11	1.13	0	-0.39	0	-1.6	0.5	0.41	0	12314.5	0
35	24	1991	0	0	1.92	1.6	1.6	0	-1.93	0	-2.1	0.5	1.91	0	12316.1	0
36	24	1991	0.51	0	2.49	0.57	0.28	0	-2.29	0	0.7	0.5	1.09	0	12316.7	0
37	24	1991	2.29	0.57	3.91	0.86	0	0	-3.05	0	3.4	0.5	0	0	12317.6	0
38	24	1991	3.56	1.73	4.33	0.24	0	0	-2.17	0	3.9	0.5	0	0	12317.8	0
39	24	1991	0	0.84	2.15	0.9	0	0	-2.15	0	1.7	0.5	0	0	12318.7	0
40	24	1991	0	0	1.4	0.9	0.04	0	-1.41	0	0.9	0.5	0	0	12319.6	-0.01
41	24	1991	0	0	1.02	0.25	0	0	-1.23	0	0.5	0.5	0	0	12319.8	-0.01
42	24	1991	6.6	1.02	0	1.18	0	0	4.49	0	-0.5	0.5	0	0	12321	-0.02
43	24	1991	0	0	0	1.06	0	0	0	0	-0.5	0.5	0	0	12322.1	0
44	24	1991	1.02	0	0	0.66	0	0	0.37	0	-0.5	0.5	0	0	12322.7	0
45	24	1991	6.86	1.01	0	0.76	0	0	5.09	0	-0.5	0.5	0	0	12323.5	0.01
46	24	1991	0.51	0	0	1.4	0	0	0.16	0	-0.5	0.5	0	0	12324.9	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
47	24	1991	1.27	0	0	0.86	0	0	0.45	0	-0.5	0.5	0	0	12325.8	0
48	24	1991	0.76	0	0	0.49	0	0	0.28	0	-0.5	0.5	0	0	12326.2	0
49	24	1991	3.3	0.56	0	1.19	0	0	1.57	0	-0.5	0.5	0	0	12327.4	0
50	24	1991	2.54	0.89	1.09	0.84	0	0	0.25	0	-0.5	0.5	1.09	0	12328.3	0
51	24	1991	5.59	0	5.35	2.21	0	0	-1.09	0	0.3	0.5	4.61	0	12330.5	-0.01
52	24	1991	0	0	2.64	0.71	0.68	0	-2.66	0	0.9	0.5	0.55	0	12331.2	-0.01
53	24	1991	0.25	0	2.95	1.08	0.77	0	-2.96	0	-0.2	0.5	1.85	0	12332.3	-0.02
54	24	1991	0	0	0	0.56	0	0	-0.47	0	-0.6	0.5	0	0	12332.8	0
55	24	1991	0.25	0	0	0.36	0	0	-0.09	0	-0.5	0.5	0	0	12333.2	0.01
56	24	1991	0	0	1.56	0.11	0	0	-1.66	0	-0.5	0.5	1.56	0	12333.3	0.01
57	24	1991	0	0	0.65	0.18	0	0	-0.81	0	-0.5	0.5	0.65	0	12333.5	0
58	24	1991	0	0	0	0.4	0	0	-0.36	0	-0.5	0.5	0	0	12333.9	-0.01
59	24	1991	3.3	0.65	0.92	1.24	0	0	0.5	0	-0.5	0.5	0.92	0	12335.1	0
60	24	1991	0.51	0	7.06	1.91	0.98	0	-6.84	0	-1.4	0.5	7.05	0	12337	0
61	24	1991	5.59	0	15.91	2.43	0.71	0	-12.08	0	4.2	0.5	10.6	0	12339.5	0
62	24	1991	13.21	1.28	0.16	0.57	0.02	0	-0.84	0	2.3	0.5	9.41	0	12340	-0.01
63	24	1991	21.34	1.08	0	0.77	0	0	0	0	8.1	0.5	12.19	0	12340.8	0
64	24	1991	0.76	0	0	2.1	0.28	0	0	0	-0.7	0.5	0	0	12342.9	-0.02
65	24	1991	1.52	0	0	2.18	1.21	0	0	0	-1.1	0.5	0	0	12345.1	0
66	24	1991	1.78	0	0	2.07	0.71	0	0	0	-0.7	0.5	0	0	12347.2	-0.03
67	24	1991	0	0	0	1.35	0	0	0	0	-1.8	0.5	0	0	12348.5	0
68	24	1991	0	0	0	0.46	0	0	0	0	-0.9	0.5	0	0	12349	0.01
69	24	1991	0	0	0	0.97	0	0	0	0	-1.4	0.5	0	0	12350	0
70	24	1991	0	0	0	1.18	0	0	0	0	-1.6	0.5	0	0	12351.1	-0.01
71	24	1991	0	0	0	0.33	0	0	0	0	-0.8	0.5	0	0	12351.5	0.01
72	24	1991	0	0	0	0.7	0.48	0	0	0	-1.2	0.5	0	0	12352.2	0
73	24	1991	1.78	0.28	0.45	1.01	0	0	0	0	-0.2	0.5	0.25	0	12353.2	0
74	24	1991	2.54	0	0	1.99	0.18	0	0	0	-0.4	0.5	0.77	0	12355.2	-0.01
75	24	1991	0	0	0	1.72	1.45	0	0	0	-2.2	0.5	0	0	12356.9	-0.01
76	24	1991	0	0	0	1.75	1.53	0	0	0	-2.2	0.5	0	0	12358.6	-0.01
77	24	1991	2.54	0.48	0	1.01	0	0	0	0	0.6	0.5	0	0	12359.7	0
78	24	1991	1.02	0	0	2.68	1.05	0	0	0	-1.6	0.5	0	0	12362.3	-0.02
79	24	1991	0	0	0	2.01	0.83	0	0	0	-2.4	0.5	0	0	12364.4	-0.03
80	24	1991	3.56	0.04	1.48	1.81	0	0	0	0	1.3	0.5	0	0	12366.2	0.01
81	24	1991	0	0	0	0.91	0.59	0	0	0	-1.3	0.5	0	0	12367.1	-0.02
82	24	1991	17.27	0.37	0	1.52	0	0	0	0	14.9	0.5	0	0	12368.6	0
83	24	1991	8.89	0	0	2.19	0	0	0	0	6.6	0.5	0	0	12370.8	-0.01
84	24	1991	1.27	0	0	1.02	0.11	0	0	0	-0.2	0.5	0	0	12371.8	0.01
85	24	1991	0	0	0	1.8	1.41	0	0	0	-2.2	0.5	0	0	12373.6	-0.01
86	24	1991	17.53	0	0	2.14	0.47	0	0	0	14.9	0.5	0	0	12375.7	0.01
87	24	1991	2.29	0	0	4.4	1.93	0	0	0	-2.5	0.5	0	0	12380.2	-0.03
88	24	1991	0	0	0	2.01	0.9	0	0	0	-2.4	0.5	0	0	12382.2	-0.02
89	24	1991	0	0	0	1.66	0	0	0	0	-2.1	0.5	0	0	12383.8	-0.01
90	24	1991	0	0	0	2.28	1.21	0	0	0	-2.7	0.5	0	0	12386.1	-0.01
91	24	1991	4.06	0.37	0	1.46	0	0	0	0	1.8	0.5	0	0	12387.6	0.01
92	24	1991	3.3	0	0	2.22	0	0	0	0	1.0	0.5	0	0	12389.8	-0.01
93	24	1991	0	0	0	2.71	1.47	0	0	0	-3.1	0.5	0	0	12392.5	-0.03
94	24	1991	0	0	0	3.15	2.41	0	0	0	-3.6	0.5	0	0	12395.6	-0.02
95	24	1991	0.25	0	0	1.56	1.38	0	0	0	-1.8	0.5	0	0	12397.2	0
96	24	1991	3.05	0	0	3.23	1.33	0	0	0	-0.6	0.5	0	0	12400.4	-0.04
97	24	1991	0	0	0	4.98	3.94	0	0	0	-5.4	0.5	0	0	12405.4	-0.05
98	24	1991	7.87	0	0	3.71	1.62	0	0	0	3.7	0.5	0	0	12409.1	-0.03
99	24	1991	2.54	0	0	3.09	1.13	0	0	0	-1.0	0.5	0	0	12412.2	0
100	24	1991	6.6	0	0	3.6	0.94	0	0	0	2.6	0.5	0	0	12415.8	-0.03
101	24	1991	0	0	0	3.73	1.13	0	0	0	-4.2	0.5	0	0	12419.5	-0.02
102	24	1991	0	0	0	3.36	1.43	0	0	0	-3.9	0.5	0	0	12422.9	0
103	24	1991	0.25	0	0	1.86	0.93	0	0	0	-2.1	0.5	0	0	12424.8	0
104	24	1991	2.03	0	0	3.92	1.56	0	0	0	-2.4	0.5	0	0	12428.7	-0.02
105	24	1991	12.45	0	0	1.96	0.16	0	0	0	10.0	0.5	0	0	12430.6	0
106	24	1991	0	0	0	4.27	2.44	0	0	0	-4.8	0.5	0	0	12434.9	-0.03
107	24	1991	0	0	0	2.12	1.07	0	0	0	-2.6	0.5	0	0	12437	-0.01
108	24	1991	0	0	0	2.22	1.27	0	0	0	-2.7	0.5	0	0	12439.2	-0.01
109	24	1991	0.51	0	0	3.98	2.07	0	0	0	-4.0	0.5	0	0	12443.2	-0.02
110	24	1991	10.16	0.06	0	1.91	0.07	0	0	0	7.7	0.5	0	0	12445.1	0
111	24	1991	27.43	0.65	0	1.21	0	0	0	0	25.1	0.6	0	0	12446.3	0
112	24	1991	11.94	0.44	0	1.42	0	0	0	0	10.2	0.6	0	0	12447.8	0.02
113	24	1991	0	0	0	3.94	1.85	0	0	0	-4.1	0.6	0	0	12451.7	-0.02
114	24	1991	0	0	0	2.69	1.82	0	0	0	-3.3	0.6	0	0	12454.4	-0.01
115	24	1991	0	0	0	4.39	2.39	0	0	0	-5.0	0.6	0	0	12458.8	0
116	24	1991	0.25	0	0	3.93	2.48	0	0	0	-4.2	0.6	0	0	12462.7	-0.01
117	24	1991	0	0	0	4.42	2.65	0	0	0	-5.0	0.6	0	0	12467.1	-0.01
118	24	1991	0	0	0	3.5	2.06	0	0	0	-4.1	0.6	0	0	12470.6	-0.02
119	24	1991	0	0	0	4.07	2.7	0	0	0	-4.7	0.6	0	0	12474.7	0
120	24	1991	6.35	0	0	3.44	1.3	0	0	0	2.3	0.6	0	0	12478.1	-0.02
121	24	1991	1.52	0	0	5.62	2.78	0	0	0	-4.7	0.6	0	0	12483.7	-0.02
122	24	1991	2.54	0	0	2.7	0.36	0	0	0	-0.7	0.6	0	0	12486.4	-0.02
123	24	1991	0	0	0	2.08	0.9	0	0	0	-2.7	0.6	0	0	12488.5	-0.02
124	24	1991	0	0	0	3.99	1.69	0	0	0	-4.6	0.6	0	0	12492.5	-0.01
125	24	1991	0	0	0	4.3	2.18	0	0	0	-4.9	0.6	0	0	12496.8	-0.02
126	24	1991	9.65	0	0	2.91	0.94	0	0	0	6.2	0.6	0	0	12499.7	-0.03
127	24	1991	0	0	0	3.94	1.77	0	0	0	-4.5	0.6	0	0	12503.7	-0.04
128	24	1991	0	0	0	3.41	1.55	0	0	0	-4.0	0.6	0	0	12507.1	-0.03
129	24	1991	0.51	0	0	1.64	0.78	0	0	0	-1.7	0.6	0	0	12508.7	-0.01
130	24	1991	8.64	0	0	4.32	1.39	0	0	0	3.7	0.6	0	0	12513	0
131	24	1991	0	0	0	4.9	2.49	0	0	0	-5.5	0.6	0	0	12517.9	-0.02
132	24	1991	0	0	0	5.19	2.8	0	0	0	-5.8	0.6	0	0	12523.1	0
133	24	1991	0.51	0	0	5.32	2.64	0	0	0	-5.4	0.6	0	0	12528.4	-0.03
134	24	1991	1.52	0	0	3.42	1.42	0	0	0	-2.5	0.6	0	0	12531.9	-0.03
135	24	1991	0	0	0	5.19	2.57	0	0	0	-5.8	0.6	0	0	12537	-0.01
136	24	1991	0	0	0	6.06	3.35	0	0	0	-6.7	0.6	0	0	12543.1	-0.01
137	24	1991	17.27	0	0	3.55	1.29	0	0	0	13.1	0.6	0	0	12546.7	-0.01
138	24	1991	0	0	0	5.42	2.05	0	0	0	-6.0	0.6	0	0	12552.1	-0.02
139	24	1991	0	0	0	4.96	2.27	0	0	0	-5.6	0.6	0	0	12557	-0.01
140	24	1991	0	0	0	5.28	2.5	0	0	0	-5.9	0.6	0	0	12562.3	-0.02
141	24	1991	0	0	0	5.23	2.63	0	0	0	-5.9	0.6	0	0	12567.6	0
142	24	1991	0	0	0	4.91	2.42	0	0	0	-5.5	0.6	0	0	12572.5	-0.01
143	24	1991	0	0	0	5.4	2.76	0	0	0	-6.0	0.6	0	0	12577.9	-0.02
144	24	1991	0	0	0	5.46	2.97	0	0	0	-6.1	0.6	0	0	12583.3	-0.01
145	24	1991	8.64	0	0	3.62	1.1	0	0	0	4.4	0.6	0	0	12586.9	-0.01
146	24	1991	37.34	0	0	3.3	0.95	0	0	0	33.5	0.6	0	0	12590.2	-0.03
147	24	1991	2.54	0	0	2.37	0.59	0	0	0	-0.4	0.6	0	0	12592.6	-0.05
148	24	1991	0.51	0	0	4.98	1.88	0	0	0	-5.1	0.6	0	0	12597.6	-0.03
149	24	1991	0	0	0	4.81	2.29	0	0	0	-5.4	0.6	0	0	12602.4	-0.02
150	24	1991	7.11	0	0	2.87	0.82	0	0	0	3.6	0.6	0	0	12605.3	-0.01
151	24	1991	0.76	0	0	3.74	1.61	0	0	0	-3.6	0.6	0	0	12609	-0.04
152	24	1991	0	0	0	5.19	2.09	0	0	0	-5.8	0.6	0	0	12614.2	-0.03
153	24	1991	0	0	0	4.98	2.41	0	0	0	-5.6	0.6	0	0	12619.2	0
154	24	1991	0	0	0	3.47	1.91	0	0	0	-4.1	0.6	0	0	12622.6	0
155	24	1991	0	0	0	4.35	2.05	0	0	0	-4.9	0.6	0	0	12627	-0.02
156	24	1991	2.29	0	0	4.37	1.45	0	0	0	-2.7	0.6	0	0	12631.4	-0.02
157	24	1991	0	0	0	4.75	2.36	0	0	0	-5.3	0.6	0	0	12636.1	-0.01
158	24	1991	0	0	0	5.75	2.96	0	0	0	-6.3	0.6	0	0	12641.9	-0.02
159	24	1991	0	0	0	6.15	3.21	0	0	0	-6.7	0.6	0	0	12648	-0.01
160	24	1991	0	0	0	6.06	3.17	0	0	0	-6.6	0.6	0	0	12654.1	-0.01
161	24	1991	0	0	0	6.1	3.63	0	0	0	-6.7	0.6	0	0	12660.2	-0.01
162	24	1991	14.48	0	0	3.71	1.37	0	0	0	10.2	0.6	0	0	12663.9	0.01
163	24	1991	14.48	0	0	5.04	1.63	0	0	0	8.9	0.6	0	0	12668.9	-0.03
164	24	1991	0	0	0	5.39	2.63	0	0	0	-5.9	0.6	0	0	12674.3	-0.02
165	24	1991	0	0	0	5.52	3.23	0	0	0	-6.1	0.6	0	0	12679.8	-0.01
166	24	1991	1.27	0	0	5.44	3.07	0	0	0	-4.7	0.5	0	0	12685.3	-0.02
167	24	1991	0	0	0	3.38	2.42	0	0	0	-3.9	0.5	0	0	12688.7	0.01
168	24	1991	0	0	0	2	1.25	0	0	0	-2.5	0.5	0	0	12690.7	-0.03
169	24	1991	0	0	0	4.98	3.05	0	0	0	-5.5	0.5	0	0	12695.6	-0.02
170	24	1991	0	0	0	5.06	3.24	0	0	0	-5.6	0.5	0	0	12700.7	-0.02
171	24	1991	0	0	0	6.57	3.88	0	0	0	-7.1	0.5	0	0	12707.3	-0.03
172	24	1991	0	0	0	5.43	3.59	0	0	0	-5.9	0.5	0	0	12712.7	-0.03
173	24	1991	0	0	0	2.47	2.44	0	0	0	-3.0	0.5	0	0	12715.2	-0.01
174	24	1991	0	0	0	3.35	2.99	0	0	0	-3.8	0.5	0	0	12718.5	-0.02
175	24	1991	0	0	0	3.02	2.82	0	0	0	-3.5	0.5	0	0	12721.5	-0.02
176	24	1991	0	0	0	2.42	2.36	0	0	0	-2.9	0.5	0	0	12724	-0.02
177	24	1991	0	0	0	1.94	1.93	0	0	0	-2.4	0.5	0	0	12725.9	-0.01
178	24	1991	0	0	0	1.44	1.55	0	0	0	-1.9	0.5	0	0	12727.3	-0.01
179	24	1991	0	0	0	1.17	1.24	0	0	0	-1.7	0.5	0	0	12728.5	0
180	24	1991	0	0	0	0.85	0.9	0	0	0	-1.3	0.5	0	0	12729.4	-0.02
181	24	1991	9.91	0	0	4.08	0.91	0	0	0	5.4	0.5	0	0	12733.4	-0.02
182	24	1991	0	0	0	3.57	1.05	0	0	0	-4.0	0.5	0	0	12737	-0.03
183	24	1991	0	0	0	1.37	0.65	0	0	0	-1.8	0.5	0	0	12738.4	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
184	24	1991	0	0	0	2.23	0.86	0	0	0	-2.7	0.5	0	0	12740.6	-0.01
185	24	1991	0	0	0	1.35	0.78	0	0	0	-1.8	0.5	0	0	12742	-0.03
186	24	1991	25.91	0	0	3.02	0.5	0	0	0	22.5	0.5	0	0	12745	-0.03
187	24	1991	0	0	0	5.36	3.98	0	0	0	-5.8	0.5	0	0	12750.3	-0.03
188	24	1991	5.84	0	0	5.49	2.17	0	0	0	-0.1	0.4	0	0	12755.8	-0.04
189	24	1991	0	0	0	5.49	3.81	0	0	0	-5.9	0.4	0	0	12761.3	-0.03
190	24	1991	0	0	0	5.75	3.46	0	0	0	-6.1	0.4	0	0	12767.1	-0.04
191	24	1991	0	0	0	4.78	2.8	0	0	0	-5.2	0.4	0	0	12771.8	-0.02
192	24	1991	0	0	0	3.65	2.08	0	0	0	-4.1	0.4	0	0	12775.5	-0.01
193	24	1991	0	0	0	3.31	1.93	0	0	0	-3.7	0.4	0	0	12778.8	-0.03
194	24	1991	6.6	0.49	0	2.15	0.16	0	0	0	3.5	0.4	0	0	12781	0.01
195	24	1991	0	0	0	3.57	1.33	0	0	0	-3.5	0.4	0	0	12784.5	0.03
196	24	1991	0	0	0	3.21	1.44	0	0	0	-3.6	0.4	0	0	12787.7	-0.04
197	24	1991	0	0	0	2.35	1.31	0	0	0	-2.7	0.4	0	0	12790.1	-0.03
198	24	1991	0	0	0	1.26	1.21	0	0	0	-1.7	0.4	0	0	12791.3	-0.01
199	24	1991	0	0	0	0.99	1.06	0	0	0	-1.4	0.4	0	0	12792.3	0
200	24	1991	1.78	0	0	2.43	0.78	0	0	0	-1.0	0.4	0	0	12794.8	-0.02
201	24	1991	0	0	0	1.08	0.92	0	0	0	-1.4	0.4	0	0	12795.8	-0.03
202	24	1991	0	0	0	0.57	0.7	0	0	0	-1.0	0.4	0	0	12796.4	-0.01
203	24	1991	26.92	0	0	5.27	1.93	0	0	0	21.3	0.4	0	0	12801.7	-0.02
204	24	1991	3.56	0	0	7.08	3.13	0	0	0	-3.9	0.4	0	0	12808.8	-0.02
205	24	1991	0	0	0	6.34	4.64	0	0	0	-6.7	0.4	0	0	12815.1	-0.04
206	24	1991	0	0	0	4.57	3.33	0	0	0	-4.9	0.4	0	0	12819.7	-0.03
207	24	1991	0	0	0	2.97	1.72	0	0	0	-3.3	0.4	0	0	12822.6	-0.05
208	24	1991	0	0	0	2.72	1.4	0	0	0	-3.0	0.4	0	0	12825.4	-0.04
209	24	1991	0	0	0	2.47	1.31	0	0	0	-2.8	0.4	0	0	12827.8	-0.04
210	24	1991	0	0	0	2.19	1.12	0	0	0	-2.5	0.4	0	0	12830	-0.03
211	24	1991	2.03	0	0	2.48	0.57	0	0	0	-0.8	0.4	0	0	12832.5	-0.02
212	24	1991	0	0	0	1.65	0.92	0	0	0	-2.0	0.4	0	0	12834.1	-0.04
213	24	1991	0	0	0	0.76	0.76	0	0	0	-1.1	0.4	0	0	12834.9	-0.01
214	24	1991	0	0	0	0.92	0.76	0	0	0	-1.2	0.3	0	0	12835.8	-0.03
215	24	1991	11.43	0.6	0	2.35	0.06	0	0	0	8.1	0.3	0	0	12838.2	0
216	24	1991	1.02	0	0	3.6	1.5	0	0	0	-2.3	0.3	0	0	12841.8	-0.01
217	24	1991	0	0	0	2.02	0.81	0	0	0	-2.3	0.3	0	0	12843.8	-0.04
218	24	1991	0	0	0	1.94	0.79	0	0	0	-2.2	0.3	0	0	12845.7	-0.03
219	24	1991	0	0	0	2.04	0.89	0	0	0	-2.4	0.3	0	0	12847.8	-0.02
220	24	1991	0	0	0	1.8	0.78	0	0	0	-2.1	0.3	0	0	12849.6	-0.03
221	24	1991	49.78	1.12	0	1.78	0.04	0	0	0	46.6	0.3	0	0	12851.4	-0.01
222	24	1991	3.56	0	0	5.74	1.74	0	0	0	-1.4	0.3	0	0	12857.1	-0.02
223	24	1991	1.52	0	0	4.49	2.61	0	0	0	-3.3	0.3	0	0	12861.6	-0.01
224	24	1991	0	0	0	5.22	4.18	0	0	0	-5.5	0.3	0	0	12866.8	-0.02
225	24	1991	0	0	0	5.51	4.42	0	0	0	-5.8	0.3	0	0	12872.3	-0.06
226	24	1991	0.25	0	0	5.75	4.43	0	0	0	-5.8	0.3	0	0	12878.1	-0.03
227	24	1991	1.78	0	0	5.16	2.94	0	0	0	-3.7	0.3	0	0	12883.2	-0.01
228	24	1991	0	0	0	5.48	4.15	0	0	0	-5.8	0.3	0	0	12888.7	-0.04
229	24	1991	0	0	0	5.74	4.18	0	0	0	-6.0	0.3	0	0	12894.5	-0.04
230	24	1991	2.03	0	0	5.03	2.35	0	0	0	-3.3	0.3	0	0	12899.5	-0.01
231	24	1991	0	0	0	2.5	1.72	0	0	0	-2.8	0.3	0	0	12902	-0.04
232	24	1991	11.43	0	0	3.28	0.36	0	0	0	7.9	0.3	0	0	12905.3	-0.04
233	24	1991	0	0	0	3.01	2.35	0	0	0	-3.3	0.3	0	0	12908.3	-0.01
234	24	1991	0	0	0	4.92	3.26	0	0	0	-5.2	0.3	0	0	12913.2	-0.03
235	24	1991	0	0	0	3.66	2.26	0	0	0	-3.9	0.3	0	0	12916.9	-0.02
236	24	1991	0	0	0	3.33	1.83	0	0	0	-3.6	0.3	0	0	12920.2	-0.03
237	24	1991	0	0	0	2.29	1.37	0	0	0	-2.5	0.3	0	0	12922.5	-0.03
238	24	1991	0	0	0	2.92	1.58	0	0	0	-3.2	0.3	0	0	12925.4	-0.01
239	24	1991	0	0	0	2.34	1.44	0	0	0	-2.6	0.3	0	0	12927.8	-0.02
240	24	1991	0	0	0	1.24	1.16	0	0	0	-1.5	0.3	0	0	12929	-0.02
241	24	1991	0	0	0	0.92	0.91	0	0	0	-1.2	0.3	0	0	12929.9	-0.02
242	24	1991	0	0	0	0.82	0.83	0	0	0	-1.1	0.3	0	0	12930.7	-0.02
243	24	1991	19.56	0	0	3.67	1.34	0	0	0	15.7	0.3	0	0	12934.4	-0.03
244	24	1991	0	0	0	4.45	2.32	0	0	0	-4.7	0.3	0	0	12938.9	-0.03
245	24	1991	0	0	0	3.72	2	0	0	0	-4.0	0.3	0	0	12942.6	-0.01
246	24	1991	0	0	0	2.89	1.38	0	0	0	-3.2	0.3	0	0	12945.5	0
247	24	1991	6.1	0	0	2.79	0.53	0	0	0	3.1	0.3	0	0	12948.3	-0.02
248	24	1991	0	0	0	2.93	1.19	0	0	0	-3.2	0.3	0	0	12951.2	-0.03
249	24	1991	0	0	0	2.82	1.01	0	0	0	-3.0	0.3	0	0	12954	-0.02
250	24	1991	0	0	0	2.56	0.87	0	0	0	-2.8	0.3	0	0	12956.6	-0.02
251	24	1991	0	0	0	1.98	0.78	0	0	0	-2.2	0.3	0	0	12958.6	-0.02
252	24	1991	0	0	0	0.96	0.69	0	0	0	-1.2	0.2	0	0	12959.5	-0.02
253	24	1991	8.38	0	0	2.66	0.66	0	0	0	5.5	0.2	0	0	12962.2	-0.02
254	24	1991	0.51	0	0	2.78	0.38	0	0	0	-2.5	0.2	0	0	12965	-0.05
255	24	1991	0	0	0	2.68	0.51	0	0	0	-2.9	0.2	0	0	12967.7	-0.02
256	24	1991	0	0	0	1.95	0.44	0	0	0	-2.2	0.2	0	0	12969.6	-0.02
257	24	1991	0.25	0	0	1.27	0.48	0	0	0	-1.3	0.2	0	0	12970.9	-0.01
258	24	1991	31.24	0	0	1.62	0.55	0	0	0	29.4	0.2	0	0	12972.5	-0.05
259	24	1991	1.78	0	0	3.41	1.24	0	0	0	-1.9	0.2	0	0	12975.9	-0.01
260	24	1991	1.02	0	0	4.16	0.98	0	0	0	-3.3	0.2	0	0	12980.1	-0.07
261	24	1991	13.21	0	0	2.47	0.44	0	0	0	10.6	0.2	0	0	12982.5	-0.08
262	24	1991	11.18	0	0	2.82	0.36	0	0	0	8.2	0.2	0	0	12985.4	-0.05
263	24	1991	0	0	0	2.51	0.4	0	0	0	-2.7	0.2	0	0	12987.9	-0.04
264	24	1991	0	0	0	2.7	0.43	0	0	0	-2.9	0.2	0	0	12990.6	-0.03
265	24	1991	0	0	0	3.43	0.51	0	0	0	-3.6	0.2	0	0	12994	-0.03
266	24	1991	5.33	0	0	2.81	0.24	0	0	0	2.3	0.2	0	0	12996.8	0
267	24	1991	6.1	0	0	2.64	0.16	0	0	0	3.3	0.2	0	0	12999.4	-0.02
268	24	1991	18.8	0	0	1	0	0	0	0	17.6	0.2	0	0	13000.4	0
269	24	1991	1.27	0	0	3.26	0.04	0	0	0	-2.2	0.2	0	0	13003.7	0.01
270	24	1991	0.25	0	0	5.58	0	0	0	0	-5.5	0.2	0	0	13009.3	0
271	24	1991	1.27	0	0	2.1	0	0	0	0	-1.1	0.2	0	0	13011.4	0.01
272	24	1991	0	0	0	2.5	0	0	0	0	-2.7	0.2	0	0	13013.9	0
273	24	1991	0	0	0	2.58	0	0	0	0	-2.8	0.2	0	0	13016.5	0
274	24	1991	2.79	0	0	2.16	0.01	0	0	0	0.4	0.2	0	0	13018.6	0.01
275	24	1991	0	0	0	3.08	0.01	0	0	0	-3.3	0.2	0	0	13021.7	0
276	24	1991	5.59	0	0	2	0.01	0	0	0	3.4	0.2	0	0	13023.7	0
277	24	1991	3.81	0	0	1.4	0	0	0	0	2.2	0.2	0	0	13025.1	0.01
278	24	1991	6.1	0	0	3.25	0.02	0	0	0	2.6	0.2	0	0	13028.4	0.02
279	24	1991	6.1	0	0	3.04	0.01	0	0	0	2.8	0.2	0	0	13031.4	0.01
280	24	1991	0.25	0	0	3.25	0.01	0	0	0	-3.2	0.2	0	0	13034.7	0.01
281	24	1991	0	0	0	2.74	0.02	0	0	0	-2.9	0.2	0	0	13037.4	0.01
282	24	1991	0	0	0	3.09	0.05	0	0	0	-3.3	0.2	0	0	13040.5	0
283	24	1991	6.6	0	0	1.14	0.01	0	0	0	5.3	0.2	0	0	13041.6	0.01
284	24	1991	0	0	0	1.42	0.01	0	0	0	-1.6	0.2	0	0	13043	0.01
285	24	1991	0	0	0	1.1	0.01	0	0	0	-1.3	0.2	0	0	13044.1	0
286	24	1991	0	0	0	1.81	0.01	0	0	0	-2.0	0.2	0	0	13045.9	0
287	24	1991	0	0	0	2.27	0.02	0	0	0	-2.5	0.2	0	0	13048.2	0.01
288	24	1991	27.69	0	0	0.83	0	0	0	0	26.7	0.2	0	0	13049.1	0
289	24	1991	2.03	0	0	2.14	0.01	0	0	0	-0.3	0.2	0	0	13051.2	0.01
290	24	1991	0	0	0	1.58	0.03	0	0	0	-1.8	0.2	0	0	13052.8	0
291	24	1991	0	0	0	2.13	0.04	0	0	0	-2.3	0.2	0	0	13054.9	0
292	24	1991	2.54	0.01	0	1	0	0	0	0	1.4	0.2	0	0	13055.9	0
293	24	1991	0	0	0	1.43	0.01	0	0	0	-1.6	0.2	0	0	13057.3	0.01
294	24	1991	0	0	0	1.73	0.02	0	0	0	-1.9	0.2	0	0	13059.1	0
295	24	1991	0	0	0	2.03	0.06	0	0	0	-2.2	0.2	0	0	13061.1	0
296	24	1991	0	0	0	1.8	0.08	0	0	0	-2.0	0.2	0	0	13062.9	-0.01
297	24	1991	0	0	0	1.76	0.05	0	0	0	-2.0	0.2	0	0	13064.7	0.01
298	24	1991	0	0	0	2.2	0.08	0	0	0	-2.4	0.2	0	0	13066.9	0
299	24	1991	0	0	0	1.53	0.07	0	0	0	-1.7	0.2	0	0	13068.4	0
300	24	1991	3.05	0	0	1.6	0.04	0	0	0	1.3	0.2	0	0	13070	0
301	24	1991	0	0	0	2.41	0.03	0	0	0	-2.6	0.2	0	0	13072.4	0
302	24	1991	0	0	0	2.07	0.04	0	0	0	-2.2	0.2	0	0	13074.5	0
303	24	1991	0	0	0	1.62	0.05	0	0	0	-1.8	0.2	0	0	13076.1	0
304	24	1991	0	0	0	1.39	0.05	0	0	0	-1.6	0.2	0	0	13077.5	0
305	24	1991	0	0	0	1.28	0.05	0	0	0	-1.5	0.2	0	0	13078.8	0
306	24	1991	1.02	0	0	0.95	0.02	0	0	0	-0.1	0.2	0	0	13079.7	-0.01
307	24	1991	0	0	0	1.92	0.02	0	0	0	-2.1	0.2	0	0	13081.6	0
308	24	1991	0	0	0	1.97	0	0	0	0	-2.1	0.2	0	0	13083.6	-0.01
309	24	1991	0	0	0	1.52	0	0	0	0	-1.7	0.2	0	0	13085.1	0
310	24	1991	0	0	0	1.54	0.05	0	0	0	-1.7	0.2	0	0	13086.7	-0.01
311	24	1991	0.76	0	0	0.94	0.01	0	0	0	-0.3	0.2	0	0	13087.6	0
312	24	1991	0	0	0	1.41	0	0	0	0	-1.6	0.2	0	0	13089	-0.01
313	24	1991	0	0	0	0.99	0	0	0	0	-1.1	0.2	0	0	13090	0
314	24	1991	4.32	0	0.02	0.22	0.02	0	4.28	0	-0.3	0.2	0	0	13090.2	0
315	24	1991	12.7	0	14.48	0	0	0	-1.8	0	14.4	0.2	0	0	13090.2	0
316	24	1991	1.78	0	4.14	0.09	0	0	-2.48	0	4.0	0.2	0	0	13090.3	0
317	24	1991	1.78	0	0	0.64	0	0	0	0	1.0	0.2	0	0	13090.9	0
318	24	1991	0.25	0	0	0.62	0.02	0	0	0	-0.5	0.2	0	0	13091.6	0
319	24	1991	5.59	0	0	0.53	0.01	0	0	0	4.9	0.2	0	0	13092.1	0
320	24	1991	0.25	0	0	1.28	0.03	0	0	0	-1.2	0.2	0	0	13093.4	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
321	24	1991	0	0	0	1.44	0	0	0	0	-1.6	0.2	0	0	13094.8	0
322	24	1991	0	0	0	0.47	0.08	0	0	0	-0.6	0.2	0	0	13095.3	0
323	24	1991	0	0	0	0.28	0.13	0	0	0	-0.4	0.2	0	0	13095.6	0
324	24	1991	0.76	0	0	0.86	0.1	0	0	0	-0.3	0.2	0	0	13096.4	0
325	24	1991	3.3	0.02	0	0.63	0	0	0	0	2.5	0.2	0	0	13097	-0.01
326	24	1991	10.41	0.06	0	0.29	0	0	0	0	10.0	0.2	0	0	13097.3	-0.01
327	24	1991	0.51	0	0	0.47	0	0	0	0	0.0	0.1	0	0	13097.8	-0.01
328	24	1991	10.41	0	0	1.39	0.03	0	0	0	8.9	0.1	0	0	13099.2	-0.01
329	24	1991	1.27	0	0	2.88	0	0	0	0	-1.8	0.1	0	0	13102.1	0.01
330	24	1991	1.02	0	0	0.83	0	0	1.01	0	-1.0	0.1	0	0	13102.9	0
331	24	1991	0	0	0.02	0.35	0	0	0.01	0	-0.5	0.1	0	0	13103.3	0
332	24	1991	7.11	0	0.31	0.52	0.04	0	-1.03	0	7.5	0.1	0	0	13103.8	0
333	24	1991	5.08	0.07	0	0.17	0	0	0	0	4.7	0.1	0	0	13103.9	0
334	24	1991	0.76	0	0	1.43	0.08	0	0	0	-0.7	0.1	0	0	13105.4	0
335	24	1991	0	0	0	1.23	0.04	0	0	0	-1.4	0.1	0	0	13106.6	-0.01
336	24	1991	0.51	0	0	1.96	0.03	0	0	0	-1.6	0.1	0	0	13108.6	0
337	24	1991	18.03	0	0	0.71	0	0	0	0	17.2	0.1	0	0	13109.3	0.01
338	24	1991	3.56	0	0	1.29	0	0	3.41	0	-1.3	0.1	0	0	13110.6	-0.01
339	24	1991	8.64	0	0	0	0	0	8.86	0	-0.4	0.1	0	0	13110.6	0
340	24	1991	3.3	0	0	0.14	0	0	3.24	0	-0.2	0.1	0	0	13110.7	0
341	24	1991	0	0	2.17	0.13	0	0	-2.28	0	1.4	0.1	0.6	0	13110.8	0
342	24	1991	0	0	5.42	-0.04	0.05	0	-5.33	0	5.2	0.1	0.01	0	13110.8	0
343	24	1991	2.79	0	9.38	-0.23	0.08	0	-7.9	0	9.7	0.1	1.05	0	13110.6	0
344	24	1991	0	0	0	0.83	0.03	0	0	0	-1.0	0.1	0	0	13111.4	-0.01
345	24	1991	0	0	0	1	0.08	0	0	0	-1.1	0.1	0	0	13112.4	-0.01
346	24	1991	0.76	0	0	0.84	0.07	0	0	0	-0.2	0.1	0	0	13113.2	0
347	24	1991	1.78	0	0	0.76	0.05	0	0	0	0.9	0.1	0	0	13114	0
348	24	1991	1.78	0	0	0.95	0.01	0	0	0	0.7	0.1	0	0	13114.9	-0.01
349	24	1991	1.27	0	0	2.45	0	0	0.99	0	-2.3	0.1	0	0	13117.4	-0.01
350	24	1991	4.57	0	0	0.1	0	0	4.87	0	-0.5	0.1	0	0	13117.5	0
351	24	1991	1.02	0	0	0.21	0	0	1	0	-0.3	0.1	0	0	13117.7	0
352	24	1991	1.27	0	0	0.24	0	0	1.23	0	-0.3	0.1	0	0	13118	0
353	24	1991	0	0	0	0.06	0	0	0.28	0	-0.5	0.1	0	0	13118	0
354	24	1991	0	0	0	0.23	0	0	-0.1	0	-0.3	0.1	0	0	13118.2	0
355	24	1991	3.81	0	4.69	0.38	0	0	-1.28	0	-0.1	0.1	4.69	0	13118.6	0.01
356	24	1991	0	0	1.76	0.2	0.08	0	-1.69	0	-0.4	0.1	1.76	0	13118.8	-0.01
357	24	1991	2.03	0	3.71	0.16	0	0	-1.76	0	-0.2	0.1	3.71	0	13119	-0.01
358	24	1991	0	0	0	0.38	0	0	0.02	0	-0.5	0.1	0	0	13119.4	0
359	24	1991	1.02	0	0	0.26	0	0	0.98	0	-0.4	0.1	0	0	13119.6	0
360	24	1991	0	0	0	0.09	0	0	0.13	0	-0.3	0.1	0	0	13119.7	-0.01
361	24	1991	0.25	0	0	0.04	0	0	0.4	0	-0.3	0.1	0	0	13119.8	-0.01
362	24	1991	0	0	0	0.03	0	0	0.17	0	-0.3	0.1	0	0	13119.8	0
363	24	1991	22.1	0.05	22.14	0.1	0	0	-0.19	0	-0.1	0.1	22.14	0	13119.9	0
364	24	1991	0.25	0	0	0.13	0	0	0.44	0	-0.4	0.1	0	0	13120	-0.01
365	24	1991	0	0	0	0.05	0	0	0.18	0	-0.4	0.1	0	0	13120.1	0
1	24	1992	0	0	0	0.05	0	0	0.15	0	-0.3	0.1	0	0	13120.1	0
2	24	1992	0	0	0	0.11	0	0	0	0	-0.2	0.1	0	0	13120.2	0
3	24	1992	0.51	0	3.77	-0.06	0.05	0	-3.2	0	-0.1	0.1	3.76	0	13120.2	0
4	24	1992	12.95	0.02	15.08	0	0	0	-2.61	0	0.8	0.1	14.59	0	13120.2	0
5	24	1992	0.25	0	0	-0.26	0	0	0	0	0.4	0.1	0	0	13119.9	-0.01
6	24	1992	0	0	0	0.65	0	0	0	0	-0.8	0.1	0	0	13120.5	-0.01
7	24	1992	2.29	0	0.56	0.68	0	0	1.48	0	0.0	0.1	0	0	13121.2	-0.01
8	24	1992	0	0	0	0.39	0	0	0.35	0	-0.9	0.1	0	0	13121.6	0
9	24	1992	3.05	0	1.88	0.34	0.02	0	0.99	0	1.6	0.1	0	0	13121.9	0
10	24	1992	0	0	0.7	0.34	0	0	-0.84	0	0.4	0.1	0	0	13122.3	-0.01
11	24	1992	1.02	0	0	0.41	0	0	1.05	0	-0.6	0.1	0	0	13122.7	-0.01
12	24	1992	0.25	0	0	0.19	0	0	0.33	0	-0.4	0.1	0	0	13122.9	0
13	24	1992	1.27	0	2.94	0.11	0.02	0	-1.81	0	0.2	0.1	2.63	0	13123	0
14	24	1992	11.94	0	8.41	0.22	0.06	0	3.56	0	-0.3	0.1	8.37	0	13123.2	-0.01
15	24	1992	1.27	0	0	0.23	0	0	1.32	0	-0.4	0.1	0	0	13123.5	0
16	24	1992	5.59	0	0	0.02	0	0	5.74	0	-0.3	0.1	0	0	13123.5	0
17	24	1992	1.27	0	0	0.14	0	0	1.19	0	-0.2	0.1	0	0	13123.6	0.01
18	24	1992	6.86	0	0	0.32	0	0	6.61	0	-0.2	0.1	0	0	13123.9	-0.01
19	24	1992	1.78	0	0	-0.04	0	0	1.86	0	-0.2	0.1	0	0	13123.9	0
20	24	1992	0.76	0	0	-0.02	0	0	0.83	0	-0.2	0.1	0	0	13123.9	0
21	24	1992	2.29	0	0	0.07	0	0	2.26	0	-0.2	0.1	0	0	13124	0
22	24	1992	0	0	0	-0.04	0	0	0.12	0	-0.2	0.1	0	0	13123.9	0
23	24	1992	9.65	0	9.14	0.04	0	0	0.45	0	0.1	0.1	8.93	0	13123.9	0
24	24	1992	1.52	0	0.47	0.68	0	0	0.42	0	-0.1	0.1	0.4	0	13124.6	0
25	24	1992	0.51	0	0	0.06	0	0	0.62	0	-0.3	0.1	0	0	13124.7	0
26	24	1992	0.76	0	0	0.06	0	0	0.82	0	-0.3	0.1	0	0	13124.8	0
27	24	1992	0.51	0	0	0.05	0	0	0.56	0	-0.2	0.1	0	0	13124.8	0
28	24	1992	0	0	0	0	0	0	0.06	0	-0.2	0.1	0	0	13124.8	0
29	24	1992	0	0	0.19	0.04	0	0	-0.2	0	-0.2	0.1	0.18	0	13124.8	0
30	24	1992	0	0	0.38	0.05	0	0	-0.42	0	-0.1	0.1	0.37	0	13124.9	0
31	24	1992	0.25	0	0.23	0.11	0	0	-0.07	0	-0.1	0.1	0.21	0	13125	0
32	24	1992	0.25	0	0	0.24	0	0	0.13	0	-0.2	0.1	0	0	13125.2	-0.01
33	24	1992	0	0	0	0.13	0	0	-0.03	0	-0.2	0.1	0	0	13125.4	0
34	24	1992	0	0	0	0.11	0	0	0.01	0	-0.2	0.1	0	0	13125.5	0
35	24	1992	4.83	0	0	0.26	0	0	4.61	0	-0.2	0.1	0	0	13125.7	0
36	24	1992	0.25	0	0	0.26	0	0	0.04	0	-0.2	0.1	0	0	13126	0
37	24	1992	0	0	0	0.19	0	0	-0.12	0	-0.2	0.1	0	0	13126.2	0
38	24	1992	0	0	0	0.15	0	0	-0.1	0	-0.2	0.1	0	0	13126.3	0
39	24	1992	3.81	0	0	0.09	0	0	3.75	0	-0.2	0.1	0	0	13126.4	0.01
40	24	1992	2.03	0	0	0.14	0	0	1.95	0	-0.2	0.1	0	0	13126.6	0
41	24	1992	0	0	0	0.03	0	0	0.03	0	-0.2	0.1	0	0	13126.6	0
42	24	1992	2.03	0	0	0.35	0	0	1.73	0	-0.2	0.1	0	0	13127	0
43	24	1992	0	0	0	0.02	0	0	0.05	0	-0.2	0.1	0	0	13127	0
44	24	1992	1.52	0	0	0.1	0	0	1.48	0	-0.2	0.1	0	0	13127.1	0
45	24	1992	1.02	0	0	0.05	0	0	0.98	0	-0.1	0.1	0	0	13127.1	0
46	24	1992	12.95	0	13.13	0	0	0	-0.23	0	0.3	0.1	12.72	0	13127.1	0
47	24	1992	1.52	0	5.08	-0.07	0	0	-3.53	0	0.0	0.1	4.98	0	13127.1	0
48	24	1992	0	0	1.06	0.1	0	0	-1.18	0	-0.1	0.1	1.03	0	13127.2	0
49	24	1992	7.62	0	11.51	0.13	0.03	0	-4.02	0	-0.1	0.1	11.43	0	13127.3	0
50	24	1992	0.51	0	10.61	-0.07	0.13	0	-9.92	0	0.0	0.1	10.38	0	13127.2	0
51	24	1992	1.02	0	5.06	0.29	0	0	-4.34	0	0.0	0.1	4.94	0	13127.5	0
52	24	1992	1.02	0	3.79	0.45	0	0	-3.17	0	-0.1	0.1	3.75	0	13128	-0.01
53	24	1992	7.37	0.02	0	0.27	0	0	7.11	0	-0.2	0.1	0	0	13128.2	0
54	24	1992	2.54	0.01	3.1	0.21	0	0	-0.77	0	0.0	0.1	3.02	0	13128.4	0
55	24	1992	2.03	0	0.17	0.32	0	0	1.56	0	-0.1	0.1	0.11	0	13128.8	0
56	24	1992	0	0	2.57	0.08	0	0	-2.67	0	0.1	0.1	2.38	0	13128.8	0
57	24	1992	0.25	0	4.15	0.26	0	0	-4.13	0	0.1	0.1	3.93	0	13129.1	-0.01
58	24	1992	2.54	0	6.93	0.7	0	0	-5.03	0	0.1	0.1	6.63	0	13129.8	-0.01
59	24	1992	6.35	0	1.34	0.7	0.08	0	4.47	0	-0.2	0.1	1.22	0	13130.5	-0.01
60	24	1992	1.02	0	0.33	0.69	0	0	0.2	0	-0.3	0.1	0.33	0	13131.2	0
61	24	1992	0	0	0.47	0.3	0	0	-0.74	0	-0.2	0.1	0.47	0	13131.5	0
62	24	1992	0	0	0	0.48	0	0	-0.38	0	-0.2	0.1	0	0	13132	0
63	24	1992	0	0	2.57	0.23	0	0	-2.77	0	-0.2	0.1	2.57	0	13132.2	0
64	24	1992	0	0	7.81	0.36	0.3	0	-7.77	0	-0.5	0.1	7.81	0	13132.6	0
65	24	1992	0	0	4.25	0.42	0.44	0	-4.46	0	-0.2	0.1	3.97	0.17	13133	0
66	24	1992	2.79	0	0	0.48	0.05	0	0	0	0.0	0.1	2.35	0	13133.5	0
67	24	1992	13.97	0.06	0	0.36	0	0	0	0	0.6	0.1	12.87	0	13133.8	0
68	24	1992	0.76	0.08	0	0.04	0	0	0	0	0.6	0.1	0	0	13133.9	0
69	24	1992	1.78	0.04	0	0.34	0	0	0	0	1.4	0.1	0	0	13134.2	-0.01
70	24	1992	2.29	0	0	0.95	0.17	0	0	0	1.3	0.1	0	0	13135.1	-0.01
71	24	1992	16.26	0	0	1.49	0	0	15.91	0	-1.3	0.1	0	0	13136.6	-0.02
72	24	1992	3.05	0	0	0.17	0	0	2.96	0	-0.2	0.1	0	0	13136.8	0
73	24	1992	2.29	0	0	0.19	0	0	2.19	0	-0.2	0.1	0	0	13137	0
74	24	1992	4.06	0	0	0.1	0	0	4.04	0	-0.2	0.1	0	0	13137.1	0.01
75	24	1992	0.76	0	0	0.1	0	0	0.72	0	-0.2	0.1	0	0	13137.2	0
76	24	1992	0	0	0	0.13	0	0	-0.05	0	-0.2	0.1	0	0	13137.3	0
77	24	1992	2.03	0	0	0.29	0	0	1.8	0	-0.2	0.1	0	0	13137.6	0
78	24	1992	0	0	0	0.2	0	0	-0.1	0	-0.2	0.1	0	0	13137.8	0
79	24	1992	0	0	0.04	0.35	0	0	-0.36	0	-0.2	0.1	0.04	0	13138.2	0
80	24	1992	0	0	0.14	0.37	0	0	-0.45	0	-0.2	0.1	0.14	0	13138.5	0
81	24	1992	0.76	0	0	0.39	0	0	0.49	0	-0.2	0.1	0	0	13138.9	0
82	24	1992	4.83	0	0	0.16	0	0	4.75	0	-0.2	0.1	0	0	13139.1	0
83	24	1992	0	0	0.1	0.18	0	0	-0.26	0	-0.1	0.1	0.1	0	13139.3	0
84	24	1992	0.76	0	0	0.27	0	0	0.54	0	-0.2	0.1	0	0	13139.5	0
85	24	1992	0	0	4.11	0.35	0.22	0	-4.23	0	-0.4	0.1	4.11	0	13139.9	0
86	24	1992	18.29	0	30.78	0.27	0.14	0	-12.67	0	-0.2	0.1	30.76	0	13140.1	0
87	24	1992	20.32	0	31.39	0.09	0.01	0	-11.17	0	1.3	0.1	29.98	0	13140.2	0
88	24	1992	1.02	0	1.08	0.66	0	0	-0.61	0	0.1	0.1	0.73	0	13140.9	0
89	24	1992	0	0	2.82	1.45	0.26	0	-3.5	0	-0.2	0.1	2.11	0	13142.3	0
90	24	1992	0.51	0	0	0.39	0.16	0	0	0	0.0	0.1	0	0	13142.7	-0.01
91	24	1992	0	0	0	2.42	0.48	0	0	0	-2.5	0.1	0	0	13145.2	-0.01
92	24	1992	5.59	0	0	1.22	0	0	0	0	4.3	0.1	0	0	13146.4	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
93	24	1992	0.51	0	0	2.04	0	0	0	0	-1.6	0.1	0	0	13148.4	-0.02
94	24	1992	0.76	0	0.34	1.61	0	0	0	0	-1.0	0.1	0	0	13150	0
95	24	1992	0	0	0	2.55	0.38	0	0	0	-2.7	0.1	0	0	13152.6	-0.01
96	24	1992	0	0	0	2.56	0.25	0	0	0	-2.7	0.1	0	0	13155.1	0.01
97	24	1992	0	0	0	2.79	0.41	0	0	0	-2.9	0.1	0	0	13157.9	0
98	24	1992	3.81	0	0	2.65	0.56	0	0	0	1.0	0.1	0	0	13160.6	0.01
99	24	1992	0	0	0	2.85	0.47	0	0	0	-3.0	0.1	0	0	13163.4	-0.02
100	24	1992	1.02	0	0	1.2	0.22	0	0	0	-0.3	0.1	0	0	13164.6	-0.01
101	24	1992	0	0	0	2.65	0.64	0	0	0	-2.8	0.1	0	0	13167.3	-0.01
102	24	1992	23.11	0	0	1.35	0.03	0	0	0	21.7	0.1	0	0	13168.6	-0.01
103	24	1992	0	0	0	3.32	0.21	0	0	0	-3.4	0.1	0	0	13171.9	-0.01
104	24	1992	0	0	0	2.96	0	0	0	0	-3.1	0.1	0	0	13174.9	0
105	24	1992	0	0	0	2.92	0.49	0	0	0	-3.0	0.1	0	0	13177.8	0.01
106	24	1992	0	0	0	2.95	0.57	0	0	0	-3.1	0.1	0	0	13180.8	0
107	24	1992	35.56	0	0	2.19	0.19	0	0	0	33.3	0.1	0	0	13183	-0.01
108	24	1992	3.56	0	0	0.9	0.01	0	0	0	2.5	0.1	0	0	13183.9	0
109	24	1992	3.56	0	0	1.14	0.05	0	0	0	2.3	0.1	0	0	13185	-0.01
110	24	1992	0	0	0	2.58	0.71	0	0	0	-2.7	0.1	0	0	13187.6	-0.02
111	24	1992	0	0	0	3.89	1.08	0	0	0	-4.0	0.1	0	0	13191.5	-0.04
112	24	1992	2.29	0	0	2.94	0.78	0	0	0	-0.8	0.1	0	0	13194.4	0
113	24	1992	0.25	0	0	3.52	1	0	0	0	-3.4	0.1	0	0	13197.9	-0.03
114	24	1992	0.51	0	0	4.19	0.86	0	0	0	-3.8	0.1	0	0	13202.1	-0.02
115	24	1992	4.32	0	0	1.62	0.17	0	0	0	2.6	0.1	0	0	13203.8	-0.02
116	24	1992	1.27	0	0	1.51	0.16	0	0	0	-0.3	0.1	0	0	13205.3	-0.02
117	24	1992	3.56	0	0	1.57	0.09	0	0	0	1.9	0.1	0	0	13206.8	-0.03
118	24	1992	0	0	0	3.89	0.83	0	0	0	-4.0	0.1	0	0	13210.7	-0.01
119	24	1992	0	0	0	3.99	0.85	0	0	0	-4.1	0.1	0	0	13214.7	-0.01
120	24	1992	0	0	0	4.11	0.98	0	0	0	-4.2	0.1	0	0	13218.8	-0.01
121	24	1992	0.25	0	0	1.74	0.52	0	0	0	-1.6	0.1	0	0	13220.6	0
122	24	1992	4.06	0	0	2	0.28	0	0	0	2.0	0.1	0	0	13222.6	-0.02
123	24	1992	33.02	0	0	2.9	0.81	0	0	0	30.0	0.1	0	0	13225.5	-0.02
124	24	1992	0	0	0	5.51	0.98	0	0	0	-5.6	0.1	0	0	13231	-0.05
125	24	1992	0	0	0	4.64	0.9	0	0	0	-4.7	0.1	0	0	13235.6	-0.02
126	24	1992	0	0	0	2.61	0.61	0	0	0	-2.7	0.1	0	0	13238.2	-0.01
127	24	1992	0.51	0	0	2.81	0.61	0	0	0	-2.4	0.1	0	0	13241	-0.01
128	24	1992	0	0	0	4.11	1.02	0	0	0	-4.2	0.1	0	0	13245.1	0
129	24	1992	1.02	0	0	3.27	0.79	0	0	0	-2.4	0.1	0	0	13248.4	-0.02
130	24	1992	0	0	0	4.01	1.2	0	0	0	-4.1	0.1	0	0	13252.4	0
131	24	1992	0	0	0	3.06	0.93	0	0	0	-3.2	0.1	0	0	13255.5	-0.02
132	24	1992	0	0	0	4.88	1.33	0	0	0	-5.0	0.1	0	0	13260.4	-0.04
133	24	1992	0	0	0	5.45	1.78	0	0	0	-5.5	0.1	0	0	13265.8	-0.03
134	24	1992	0.76	0	0	4.97	1.48	0	0	0	-4.3	0.1	0	0	13270.8	-0.01
135	24	1992	0	0	0	4.24	0.95	0	0	0	-4.3	0.1	0	0	13275	-0.02
136	24	1992	7.62	0	0	4.49	1.05	0	0	0	3.0	0.1	0	0	13279.5	-0.01
137	24	1992	0	0	0	2.62	0.8	0	0	0	-2.7	0.1	0	0	13282.1	0
138	24	1992	6.86	0	0	5.75	1.26	0	0	0	1.0	0.1	0	0	13287.9	-0.02
139	24	1992	6.86	0	0	3.76	0.57	0	0	0	3.0	0.1	0	0	13291.6	-0.02
140	24	1992	0	0	0	4.8	1.33	0	0	0	-4.9	0.1	0	0	13296.4	-0.03
141	24	1992	0	0	0	5.37	1.64	0	0	0	-5.5	0.1	0	0	13301.8	-0.03
142	24	1992	0	0	0	5.54	1.69	0	0	0	-5.7	0.1	0	0	13307.4	-0.02
143	24	1992	0	0	0	5.35	1.73	0	0	0	-5.5	0.1	0	0	13312.7	-0.03
144	24	1992	0	0	0	5.95	1.9	0	0	0	-6.1	0.1	0	0	13318.6	0
145	24	1992	9.65	0	0	2.84	0.35	0	0	0	6.7	0.1	0	0	13321.5	-0.02
146	24	1992	0	0	0	4.72	1	0	0	0	-4.8	0.1	0	0	13326.2	-0.02
147	24	1992	2.79	0	0	1.72	0.16	0	0	0	0.9	0.1	0	0	13327.9	0
148	24	1992	7.37	0	0	1.88	0.19	0	0	0	5.4	0.1	0	0	13329.8	-0.01
149	24	1992	0	0	0	4.61	1.21	0	0	0	-4.7	0.1	0	0	13334.4	-0.01
150	24	1992	0	0	0	5.04	1.39	0	0	0	-5.2	0.1	0	0	13339.5	-0.02
151	24	1992	10.92	0	0	3.61	0.8	0	0	0	7.2	0.1	0	0	13343.1	-0.01
152	24	1992	40.89	0	0	1.7	0.17	0	0	0	39.1	0.1	0	0	13344.8	-0.02
153	24	1992	6.1	0	0	1.73	0.19	0	0	0	4.3	0.1	0	0	13346.5	-0.03
154	24	1992	0	0	0	4.87	1.38	0	0	0	-5.0	0.1	0	0	13351.4	-0.03
155	24	1992	0	0	0	5.55	1.6	0	0	0	-5.7	0.1	0	0	13356.9	-0.03
156	24	1992	0	0	0	5.23	1.7	0	0	0	-5.4	0.1	0	0	13362.1	-0.02
157	24	1992	1.78	0	0	3.43	0.77	0	0	0	-1.8	0.1	0	0	13365.6	-0.04
158	24	1992	2.29	0	0	3.05	0.66	0	0	0	-0.9	0.2	0	0	13368.6	-0.02
159	24	1992	7.37	0	0	3.08	0.8	0	0	0	4.2	0.2	0	0	13371.7	-0.04
160	24	1992	0.25	0	0	3.36	0.98	0	0	0	-3.2	0.2	0	0	13375.1	-0.03
161	24	1992	0	0	0	6.21	1.55	0	0	0	-6.3	0.2	0	0	13381.3	-0.03
162	24	1992	0	0	0	5.36	1.53	0	0	0	-5.5	0.2	0	0	13386.6	-0.01
163	24	1992	0	0	0	5.57	1.69	0	0	0	-5.7	0.2	0	0	13392.2	-0.02
164	24	1992	0	0	0	5.81	1.88	0	0	0	-5.9	0.2	0	0	13398	-0.02
165	24	1992	0	0	0	6.13	2.06	0	0	0	-6.3	0.2	0	0	13404.1	-0.02
166	24	1992	0	0	0	5.45	1.83	0	0	0	-5.6	0.2	0	0	13409.6	-0.02
167	24	1992	0	0	0	4.81	1.83	0	0	0	-5.0	0.2	0	0	13414.4	-0.01
168	24	1992	0	0	0	2.65	2.31	0	0	0	-2.8	0.2	0	0	13417	-0.01
169	24	1992	0	0	0	2.67	2.68	0	0	0	-2.8	0.2	0	0	13419.7	0
170	24	1992	0	0	0	2.78	2.75	0	0	0	-2.9	0.2	0	0	13422.5	0
171	24	1992	1.27	0	0	2.07	1.18	0	0	0	-1.0	0.2	0	0	13424.6	0
172	24	1992	0	0	0	1.02	0.71	0	0	0	-1.2	0.2	0	0	13425.6	-0.02
173	24	1992	0.76	0	0	1.38	0.55	0	0	0	-0.8	0.2	0	0	13427	-0.02
174	24	1992	0.76	0	0	1.54	0.59	0	0	0	-0.9	0.2	0	0	13428.5	-0.01
175	24	1992	0	0	0	2.91	1.88	0	0	0	-3.1	0.2	0	0	13431.4	-0.02
176	24	1992	24.64	0	0	1.88	0.55	0	0	0	22.6	0.2	0	0	13433.3	0
177	24	1992	0	0	0	4.66	1.48	0	0	0	-4.8	0.2	0	0	13438	-0.03
178	24	1992	0	0	0	4.81	1.61	0	0	0	-5.0	0.2	0	0	13442.8	-0.02
179	24	1992	0	0	0	4.39	1.41	0	0	0	-4.5	0.2	0	0	13447.2	-0.02
180	24	1992	0	0	0	5.29	1.63	0	0	0	-5.4	0.2	0	0	13452.5	-0.02
181	24	1992	0	0	0	5.67	2.05	0	0	0	-5.8	0.2	0	0	13458.1	-0.02
182	24	1992	0	0	0	2.95	2.23	0	0	0	-3.1	0.2	0	0	13461.1	-0.01
183	24	1992	0	0	0	2.86	2.59	0	0	0	-3.0	0.2	0	0	13463.9	-0.02
184	24	1992	0	0	0	2.88	2.66	0	0	0	-3.0	0.2	0	0	13466.8	-0.02
185	24	1992	34.8	0	0	2.78	0.81	0	0	0	31.9	0.2	0	0	13469.6	-0.01
186	24	1992	2.29	0	0	4.73	1.17	0	0	0	-2.6	0.2	0	0	13474.3	-0.01
187	24	1992	8.38	0	0	4.81	1.23	0	0	0	3.4	0.2	0	0	13479.1	-0.03
188	24	1992	0	0	0	4.2	1.23	0	0	0	-4.3	0.2	0	0	13483.3	-0.03
189	24	1992	0	0	0	5.32	1.63	0	0	0	-5.5	0.2	0	0	13488.7	-0.01
190	24	1992	11.18	0	0	4.06	1.04	0	0	0	7.0	0.2	0	0	13492.7	-0.02
191	24	1992	5.59	0	0	5.77	1.43	0	0	0	-0.3	0.2	0	0	13498.5	-0.01
192	24	1992	0.51	0	0	4.05	1.48	0	0	0	-3.7	0.2	0	0	13502.5	-0.03
193	24	1992	0	0	0	4.07	1.33	0	0	0	-4.2	0.2	0	0	13506.6	-0.03
194	24	1992	14.73	0	0	2.34	0.44	0	0	0	12.3	0.2	0	0	13509	-0.02
195	24	1992	7.11	0	0	2.78	0.5	0	0	0	4.2	0.2	0	0	13511.7	-0.04
196	24	1992	17.78	0	0	2.78	0.65	0	0	0	14.9	0.2	0	0	13514.5	-0.04
197	24	1992	22.86	0	0	1.93	0.19	0	0	0	20.8	0.2	0	0	13516.5	-0.05
198	24	1992	0	0	0	4.19	1.51	0	0	0	-4.3	0.2	0	0	13520.6	-0.06
199	24	1992	16.26	0	0	3.97	1.06	0	0	0	12.1	0.2	0	0	13524.6	-0.01
200	24	1992	2.03	0	0	4.72	1.32	0	0	0	-2.8	0.2	0	0	13529.3	-0.03
201	24	1992	0	0	0	4.13	1.41	0	0	0	-4.3	0.2	0	0	13533.5	-0.02
202	24	1992	0	0	0	5.45	1.86	0	0	0	-5.6	0.2	0	0	13538.9	-0.03
203	24	1992	0.76	0	0	4.75	1.14	0	0	0	-4.1	0.2	0	0	13543.7	-0.03
204	24	1992	0	0	0	4.65	1.54	0	0	0	-4.8	0.2	0	0	13548.3	-0.01
205	24	1992	19.81	0	0	1.75	0.06	0	0	0	17.9	0.2	0	0	13550.1	0
206	24	1992	0	0	0	2.1	0.88	0	0	0	-2.3	0.2	0	0	13552.1	-0.01
207	24	1992	0	0	0	2.03	0.9	0	0	0	-2.2	0.2	0	0	13554.2	-0.01
208	24	1992	2.29	0	0	2.06	0.35	0	0	0	0.1	0.2	0	0	13556.2	-0.02
209	24	1992	0	0	0	4.66	1.42	0	0	0	-4.8	0.2	0	0	13560.9	-0.03
210	24	1992	0	0	0	3.23	1.18	0	0	0	-3.4	0.2	0	0	13564.1	-0.02
211	24	1992	1.52	0	0	4.02	1.21	0	0	0	-2.6	0.2	0	0	13568.1	-0.02
212	24	1992	0	0	0	4.61	1.57	0	0	0	-4.8	0.2	0	0	13572.8	-0.01
213	24	1992	35.31	0	0	2.89	0.61	0	0	0	32.3	0.2	0	0	13575.6	-0.02
214	24	1992	0.51	0	0	5.57	1.67	0	0	0	-5.2	0.2	0	0	13581.2	-0.03
215	24	1992	0	0	0	5.51	2.11	0	0	0	-5.7	0.2	0	0	13586.7	-0.01
216	24	1992	0.25	0	0	3.14	1.29	0	0	0	-3.1	0.2	0	0	13589.9	0
217	24	1992	5.33	0	0	2.43	0.34	0	0	0	2.8	0.2	0	0	13592.3	-0.02
218	24	1992	0	0	0	5.58	1.75	0	0	0	-5.7	0.2	0	0	13597.9	-0.03
219	24	1992	0	0	0	4.95	1.87	0	0	0	-5.1	0.2	0	0	13602.8	0
220	24	1992	0	0	0	4.84	1.88	0	0	0	-5.0	0.2	0	0	13607.7	-0.02
221	24	1992	3.3	0	0	3.53	1.03	0	0	0	-0.4	0.2	0	0	13611.2	-0.01
222	24	1992	0.51	0	0	2.3	0.96	0	0	0	-2.0	0.2	0	0	13613.5	-0.01
223	24	1992	4.57	0	0	4.33	1.25	0	0	0	0.1	0.2	0	0	13617.8	-0.01
224	24	1992	0.25	0	0	4.91	1.56	0	0	0	-4.8	0.2	0	0	13622.7	-0.03
225	24	1992	0	0	0	4.66	1.49	0	0	0	-4.8	0.2	0	0	13627.4	-0.01
226	24	1992	4.06	0	0	1.95	0.14	0	0	0	2.0	0.2	0	0	13629.4	-0.02
227	24	1992	0	0	0	1.7	0.78	0	0	0	-1.9	0.2	0	0	13631.1	0
228	24	1992	0	0	0	1.83	0.73	0	0	0	-2.0	0.2	0	0	13632.9	-0.03
229	24	1992	0	0	0	1.7	0.68	0	0	0	-1.9	0.2	0	0	13634.6	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
230	24	1992	0	0	0	2.14	1.03	0	0	0	-2.3	0.2	0	0	13636.7	-0.01
231	24	1992	0.25	0	0	4.07	1.6	0	0	0	-4.0	0.2	0	0	13640.8	-0.03
232	24	1992	1.52	0	0	4.67	1.35	0	0	0	-3.3	0.2	0	0	13645.5	-0.03
233	24	1992	0	0	0	3.87	1.35	0	0	0	-4.0	0.2	0	0	13649.3	-0.02
234	24	1992	0	0	0	4.41	1.65	0	0	0	-4.6	0.2	0	0	13653.8	-0.02
235	24	1992	0	0	0	4.01	1.69	0	0	0	-4.2	0.2	0	0	13657.8	-0.01
236	24	1992	0	0	0	4.73	2.01	0	0	0	-4.9	0.2	0	0	13662.5	-0.02
237	24	1992	0	0	0	4.11	1.9	0	0	0	-4.3	0.2	0	0	13666.6	-0.02
238	24	1992	3.3	0	0	3.76	1.15	0	0	0	-0.6	0.2	0	0	13670.4	-0.01
239	24	1992	0	0	0	3.66	1.76	0	0	0	-3.8	0.2	0	0	13674	-0.02
240	24	1992	7.11	0	0	2.94	0.84	0	0	0	4.1	0.2	0	0	13677	-0.04
241	24	1992	34.54	0	0	4.42	1.32	0	0	0	30.0	0.2	0	0	13681.4	-0.03
242	24	1992	0	0	0	3.81	1.23	0	0	0	-3.9	0.2	0	0	13685.2	-0.03
243	24	1992	1.52	0	0	4.05	1.47	0	0	0	-2.7	0.2	0	0	13689.2	-0.02
244	24	1992	0	0	0	3.79	1.28	0	0	0	-3.9	0.2	0	0	13693	-0.03
245	24	1992	0	0	0	4.04	1.39	0	0	0	-4.2	0.2	0	0	13697.1	-0.02
246	24	1992	0	0	0	3.69	1.48	0	0	0	-3.8	0.2	0	0	13700.8	-0.02
247	24	1992	13.21	0	0	1.57	0.22	0	0	0	11.5	0.2	0	0	13702.3	0
248	24	1992	0	0	0	3.57	1.38	0	0	0	-3.7	0.2	0	0	13705.9	-0.02
249	24	1992	0	0	0	3.71	1.56	0	0	0	-3.9	0.2	0	0	13709.6	-0.02
250	24	1992	0.25	0	0	2.07	0.85	0	0	0	-2.0	0.2	0	0	13711.7	-0.01
251	24	1992	0	0	0	3.18	1.46	0	0	0	-3.3	0.2	0	0	13714.9	-0.02
252	24	1992	6.35	0	0	3.72	1.12	0	0	0	2.5	0.2	0	0	13718.6	-0.02
253	24	1992	0	0	0	3.75	1.54	0	0	0	-3.9	0.2	0	0	13722.3	-0.02
254	24	1992	23.88	0	0	3.49	1.15	0	0	0	20.3	0.2	0	0	13725.8	-0.03
255	24	1992	0	0	0	3.4	1.06	0	0	0	-3.5	0.2	0	0	13729.2	-0.04
256	24	1992	0	0	0	3.45	1.23	0	0	0	-3.6	0.2	0	0	13732.7	-0.01
257	24	1992	0	0	0	3.34	1.43	0	0	0	-3.5	0.2	0	0	13736	-0.01
258	24	1992	0	0	0	3.19	1.46	0	0	0	-3.3	0.2	0	0	13739.2	-0.02
259	24	1992	0	0	0	3.31	1.62	0	0	0	-3.5	0.2	0	0	13742.5	-0.02
260	24	1992	0	0	0	3.01	1.54	0	0	0	-3.2	0.2	0	0	13745.5	-0.01
261	24	1992	0	0	0	3.26	1.63	0	0	0	-3.4	0.2	0	0	13748.8	-0.02
262	24	1992	14.99	0	0	3.69	1.09	0	0	0	11.2	0.2	0	0	13752.5	-0.04
263	24	1992	0	0	0	3.19	1.03	0	0	0	-3.3	0.2	0	0	13755.7	-0.03
264	24	1992	0	0	0	3.06	1.27	0	0	0	-3.2	0.2	0	0	13758.7	-0.02
265	24	1992	17.53	0	0	1.94	0.36	0	0	0	15.4	0.2	0	0	13760.7	-0.02
266	24	1992	15.75	0	0	2.04	0.33	0	0	0	13.6	0.2	0	0	13762.7	-0.05
267	24	1992	0	0	0	3.12	0.82	0	0	0	-3.2	0.2	0	0	13765.8	-0.03
268	24	1992	0	0	0	2.63	1.06	0	0	0	-2.8	0.2	0	0	13768.5	0
269	24	1992	0	0	0	3.08	1.29	0	0	0	-3.2	0.2	0	0	13771.5	-0.02
270	24	1992	12.95	0	0	1.57	0.15	0	0	0	11.2	0.2	0	0	13773.1	-0.01
271	24	1992	7.62	0	0	2.24	0.61	0	0	0	5.2	0.2	0	0	13775.3	-0.01
272	24	1992	0	0	0	2.86	1.29	0	0	0	-3.0	0.2	0	0	13778.2	-0.01
273	24	1992	1.02	0	0	2.89	0.69	0	0	0	-2.0	0.2	0	0	13781.1	-0.04
274	24	1992	2.03	0	0	2.16	0.19	0	0	0	-0.3	0.2	0	0	13783.3	-0.02
275	24	1992	0	0	0	2.22	0.88	0	0	0	-2.4	0.2	0	0	13785.5	0
276	24	1992	0	0	0	2.54	1.43	0	0	0	-2.7	0.2	0	0	13788	-0.03
277	24	1992	0	0	0	1.44	0.77	0	0	0	-1.6	0.2	0	0	13789.5	-0.01
278	24	1992	0	0	0	2.75	1.07	0	0	0	-2.9	0.2	0	0	13792.2	0.01
279	24	1992	0	0	0	2.2	0.78	0	0	0	-2.4	0.2	0	0	13794.4	0
280	24	1992	0	0	0	1.89	0.88	0	0	0	-2.0	0.2	0	0	13796.3	0
281	24	1992	0	0	0	2.16	1.21	0	0	0	-2.3	0.2	0	0	13798.5	-0.01
282	24	1992	0	0	0	2.34	1.31	0	0	0	-2.5	0.2	0	0	13800.8	-0.02
283	24	1992	9.91	0	0	1.34	0.17	0	0	0	8.4	0.2	0	0	13802.1	-0.01
284	24	1992	0	0	0	2.13	1.06	0	0	0	-2.3	0.2	0	0	13804.3	-0.02
285	24	1992	2.79	0.29	0	1.06	0.04	0	0	0	1.3	0.2	0	0	13805.3	0
286	24	1992	0.51	0	0	2.21	0.67	0	0	0	-1.6	0.2	0	0	13807.5	-0.02
287	24	1992	0	0	0	2.64	1.05	0	0	0	-2.8	0.2	0	0	13810.2	-0.03
288	24	1992	1.52	0	0	1.09	0.04	0	0	0	0.3	0.2	0	0	13811.3	0
289	24	1992	5.08	0.34	0	0.81	0.04	0	0	0	3.8	0.2	0	0	13812.1	0.02
290	24	1992	7.87	0	0	1.73	0.26	0	0	0	6.4	0.2	0	0	13813.8	-0.03
291	24	1992	0	0	0	2.43	0.68	0	0	0	-2.5	0.2	0	0	13816.2	-0.05
292	24	1992	1.02	0	0	1.78	0.44	0	0	0	-0.9	0.2	0	0	13818	-0.01
293	24	1992	5.84	0.35	0	1.2	0	0	0	0	4.1	0.2	0	0	13819.2	0
294	24	1992	2.03	0	0	2.1	0.14	0	0	0	0.2	0.2	0	0	13821.3	-0.02
295	24	1992	2.79	0.51	0	0.72	0	0	0	0	1.4	0.2	0	0	13822	0
296	24	1992	0	0	0	1.5	0.36	0	0	0	-1.2	0.2	0	0	13823.5	0
297	24	1992	0	0	0	1.35	0.95	0	0	0	-1.5	0.2	0	0	13824.9	-0.01
298	24	1992	21.59	0	0	1.25	0.04	0	0	0	20.2	0.2	0	0	13826.1	-0.03
299	24	1992	0.25	0	0	1.27	0.26	0	0	0	-1.1	0.2	0	0	13827.4	-0.02
300	24	1992	4.32	0.26	0	1.13	0	0	0	0	2.8	0.2	0	0	13828.5	0
301	24	1992	1.27	0	0	1.35	0.13	0	0	0	0.0	0.2	0	0	13829.9	-0.01
302	24	1992	0	0	0	1.29	0.69	0	0	0	-1.4	0.2	0	0	13831.2	0
303	24	1992	1.52	0	0	0.94	0.03	0	0	0	0.4	0.2	0	0	13832.1	-0.01
304	24	1992	0	0	0	1.14	0.42	0	0	0	-1.3	0.2	0	0	13833.2	-0.01
305	24	1992	0	0	0	0.71	0.2	0	0	0	-0.8	0.2	0	0	13834	-0.01
306	24	1992	0	0	0	1.12	0.47	0	0	0	-1.3	0.2	0	0	13835.1	0
307	24	1992	19.05	0	0	1.44	0	0	0	0	17.5	0.2	0	0	13836.5	0.01
308	24	1992	7.87	0	0	1.78	0.55	0	0	0	5.9	0.1	0	0	13838.3	0
309	24	1992	4.57	0	0	1.48	0.23	0	0	0	3.0	0.1	0	0	13839.8	-0.02
310	24	1992	8.38	0.04	0	1.57	0	0	0	0	6.6	0.1	0	0	13841.3	-0.01
311	24	1992	0.51	0	0	1.08	0.19	0	0	0	-0.7	0.1	0	0	13842.4	-0.02
312	24	1992	0.25	0	0.16	0.96	0	0	0	0	-0.9	0.1	0	0	13843.4	0
313	24	1992	0	0	0	0.57	0	0	0	0	-0.7	0.1	0	0	13844	0.01
314	24	1992	0	0	0	0.53	0	0	0	0	-0.7	0.1	0	0	13844.5	0
315	24	1992	4.06	0	0	1.43	0.33	0	0	0	2.5	0.1	0	0	13845.9	-0.01
316	24	1992	2.29	0.27	0	0.63	0.01	0	0	0	1.3	0.1	0	0	13846.5	-0.02
317	24	1992	1.78	0	0	1.59	0.32	0	0	0	0.3	0.1	0	0	13848.1	-0.02
318	24	1992	1.52	0	0	3.08	1.06	0	0	0	-1.7	0.1	0	0	13851.2	-0.04
319	24	1992	0.51	0	0	1.11	0	0	0	0	-0.7	0.1	0	0	13852.3	-0.03
320	24	1992	2.03	0	0.77	1.06	0	0	0.62	0	0.2	0.1	0	0	13853.4	0
321	24	1992	1.02	0	0.31	0.57	0	0	0.59	0	-0.3	0.1	0	0	13854	0
322	24	1992	6.35	0.71	5.98	0.28	0	0	-0.51	0	5.7	0.1	0	0	13854.2	0.01
323	24	1992	0	0.31	0.52	0.5	0	0	-0.7	0	0.5	0.1	0	0	13854.7	0
324	24	1992	0	0	0	0.61	0	0	0	0	-0.4	0.1	0	0	13855.3	0
325	24	1992	0	0	0	0.79	0.3	0	0	0	-0.9	0.1	0	0	13856.1	-0.01
326	24	1992	2.03	0	0	0.84	0.19	0	0	0	1.0	0.1	0	0	13857	0.07
327	24	1992	17.02	0.61	0	0.38	0.02	0	0	0	15.9	0.1	0	0	13857.4	-0.01
328	24	1992	1.78	0.71	0	0.46	0	0	0	0	1.1	0.1	0	0	13857.8	-0.01
329	24	1992	8.13	0.49	0	0.73	0	0	0	0	7.5	0.1	0	0	13858.6	0
330	24	1992	4.32	0.5	0	0.48	0	0	0	0	3.7	0.1	0	0	13859	0
331	24	1992	1.52	0.43	0	0.54	0	0	0	0	0.9	0.1	0	0	13859.6	-0.01
332	24	1992	0	0	0	1.37	0.32	0	0	0	-1.1	0.1	0	0	13860.9	-0.01
333	24	1992	0	0	0	0.45	0.14	0	0	0	-0.6	0.1	0	0	13861.4	0
334	24	1992	0.25	0	0	0.53	0	0	0	0	-0.4	0.1	0	0	13861.9	-0.02
335	24	1992	0	0	0	0.52	0	0	0	0	-0.7	0.1	0	0	13862.4	-0.01
336	24	1992	0	0	0	0.46	0	0	0	0	-0.6	0.1	0	0	13862.9	-0.01
337	24	1992	0	0	0	0.63	0.18	0	0	0	-0.8	0.1	0	0	13863.5	-0.01
338	24	1992	1.78	0	0	1.07	0	0	0	0	0.6	0.1	0	0	13864.6	0
339	24	1992	2.79	0.25	0	1.14	0	0	0	0	1.3	0.2	0	0	13865.7	0
340	24	1992	2.29	0	0	1.63	0	0	1.49	0	-0.7	0.2	0	0	13867.4	0
341	24	1992	0.51	0	0.02	0.46	0	0	0.57	0	-0.7	0.2	0	0	13867.8	-0.01
342	24	1992	1.78	0	0.04	0.9	0	0	1.05	0	-0.3	0.2	0	0	13868.7	0
343	24	1992	0	0	0	0.25	0	0	0.21	0	-0.6	0.2	0	0	13869	0
344	24	1992	0	0	0	0.18	0	0	0.3	0	-0.6	0.2	0	0	13869.2	0
345	24	1992	4.83	0	0	1.03	0	0	3.99	0	-0.3	0.2	0	0	13870.2	0
346	24	1992	2.29	0	1.25	0.85	0	0	0.13	0	-0.1	0.2	1.25	0	13871	0.01
347	24	1992	2.79	0.21	0.46	0.74	0	0	1.42	0	-0.2	0.2	0.46	0	13871.8	0
348	24	1992	0	0	0.32	0.34	0.13	0	-0.16	0	-0.4	0.2	0.32	0	13872.1	0
349	24	1992	0	0	0.34	0.01	0	0	-0.15	0	-0.4	0.2	0.34	0	13872.1	0
350	24	1992	0	0	1.14	0.3	0.27	0	-1.05	0	-0.6	0.2	1.14	0	13872.4	-0.01
351	24	1992	4.83	0.25	6.3	0.66	0	0	-2.42	0	-0.1	0.2	6.3	0	13873.1	0
352	24	1992	11.68	0.8	12.9	0.13	0	0	-1.94	0	-0.1	0.2	12.9	0	13873.2	0
353	24	1992	0.25	0	0.34	1	0	0	-0.16	0	-0.3	0.2	0.34	0	13874.2	0
354	24	1992	0	0	1.77	0.45	0.35	0	-1.79	0	-0.6	0.2	1.77	0	13874.7	0.01
355	24	1992	2.03	0	2.31	1.19	0.16	0	-1.5	0	-0.2	0.2	2.41	0	13875.9	0
356	24	1992	0.51	0	0.31	0.91	0	0	0	0	-0.9	0.2	0	0.31	13876.8	-0.01
357	24	1992	0	0	0	0.18	0	0	0	0	-0.4	0.2	0	0.31	13877	0.01
358	24	1992	0.51	0	0	0.47	0.13	0	0	0	-0.4	0.2	0.62	0	13877.4	-0.01
359	24	1992	0.51	0	0.31	1.49	0	0	0	0	-1.4	0.2	0	0.31	13878.9	-0.03
360	24	1992	0	0	0	0.8	0	0	0	0	-1.0	0.2	0	0.31	13879.7	0
361	24	1992	1.02	0	0	0.84	0	0	0.99	0	-0.7	0.2	0	0	13880.6	-0.02
362	24	1992	0	0	0	0.14	0	0	0.31	0	-0.6	0.2	0	0	13880.7	0
363	24	1992	0.76	0	0	0.53	0.25	0	0.62	0	-0.6	0.2	0	0	13881.2	0
364	24	1992	6.35	0.61	6.23	0.31	0	0	-1	0	0.1	0.2	6.15	0	13881.6	0.02
365	24	1992	14.99	0.96	15.53	-0.08	0	0	-0.92	0	0.2	0.2	15.25	0	13881.5	0
366	24	1992	2.79	0	0	0.81	0	0	0	0	2.8	0.2	0	0	13882.3	-0.04

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
1	24	1993	0.76	0	0.47	1.52	0	0	0	0	-1.0	0.2	0	0	13883.8	-0.01
2	24	1993	0.51	0	0.31	0.74	0	0	0	0	-0.7	0.2	0	0.31	13884.6	-0.01
3	24	1993	5.33	0.06	0	0.99	0	0	4.72	0	-0.3	0.2	0	0	13885.5	0
4	24	1993	5.33	0	8.46	0.95	0.17	0	-4.72	0	6.7	0.2	2.28	0	13886.5	-0.02
5	24	1993	9.91	0	0	0.9	0.15	0	0	0	3.0	0.2	5.88	0	13887.4	-0.07
6	24	1993	0.76	0	0	0.55	0	0	0	0	0.0	0.2	0	0	13887.9	-0.02
7	24	1993	0	0	0	0.42	0.22	0	0	0	-0.6	0.2	0	0	13888.4	0
8	24	1993	2.54	0.56	0	0.88	0	0	1.71	0	-0.8	0.2	0	0	13889.2	0
9	24	1993	0	0	0	0.78	0	0	0.42	0	-0.9	0.2	0	0	13890	0
10	24	1993	5.59	0.39	0	0.52	0	0	4.95	0	-0.5	0.2	0	0	13890.5	0
11	24	1993	0.51	0.06	0	0.52	0	0	0.43	0	-0.3	0.2	0	0	13891	0
12	24	1993	0.76	0.12	0	0.2	0	0	0.56	0	-0.3	0.2	0	0	13891.2	0
13	24	1993	14.48	0.56	13.55	0.3	0	0	0.19	0	0.0	0.2	13.35	0	13891.5	0
14	24	1993	0.51	0	0	0.82	0	0	0.38	0	-0.4	0.2	0	0	13892.4	0
15	24	1993	0.76	0	0	0.36	0	0	0.53	0	-0.3	0.2	0	0	13892.7	0
16	24	1993	0.25	0	0	0.17	0	0	0.19	0	-0.3	0.2	0	0	13892.9	0
17	24	1993	1.02	0	0	0.48	0	0	0.63	0	-0.3	0.2	0	0	13893.4	0
18	24	1993	0	0	0	0.2	0	0	0.05	0	-0.5	0.2	0	0	13893.6	-0.01
19	24	1993	1.27	0	0	0.55	0	0	0.92	0	-0.4	0.2	0	0	13894.1	0
20	24	1993	0	0	0	0.14	0	0	-0.05	0	-0.3	0.2	0	0	13894.3	0
21	24	1993	2.79	0	0	0.89	0	0	2.03	0	-0.4	0.2	0	0	13895.2	-0.01
22	24	1993	2.29	0.18	2.11	0.59	0	0	-0.66	0	-0.2	0.2	2.11	0	13895.7	0.01
23	24	1993	0	0	1.29	0.21	0	0	-1.36	0	-0.2	0.2	1.29	0	13896	0
24	24	1993	6.35	0	7.9	0.9	0	0	-2.48	0	-0.2	0.2	7.9	0	13896.8	0.01
25	24	1993	2.79	0.03	0	1.08	0	0	1.82	0	-0.4	0.2	0	0	13897.9	-0.01
26	24	1993	0	0	0	0.14	0	0	0.04	0	-0.4	0.2	0	0	13898.1	0
27	24	1993	0	0	0	0.27	0	0	-0.22	0	-0.3	0.2	0	0	13898.3	0
28	24	1993	0.76	0	0.02	0.43	0	0	0.42	0	-0.3	0.2	0.02	0	13898.8	-0.01
29	24	1993	1.52	0	0	0.86	0	0	0.79	0	-0.4	0.2	0	0	13899.6	-0.01
30	24	1993	2.54	0	0	0.99	0	0	1.71	0	-0.4	0.2	0	0	13900.6	0
31	24	1993	8.89	0.01	0	0.74	0	0	8.21	0	-0.3	0.2	0	0	13901.4	0
32	24	1993	0	0	0	0.16	0	0	-0.06	0	-0.3	0.2	0	0	13901.5	0
33	24	1993	0	0	0	0.05	0	0	0.07	0	-0.4	0.2	0	0	13901.6	0
34	24	1993	0	0	0.01	0.11	0	0	-0.07	0	-0.3	0.2	0	0	13901.7	0
35	24	1993	0	0	0	0.22	0	0	-0.14	0	-0.3	0.2	0	0	13901.9	0
36	24	1993	1.02	0	0.04	0.59	0.16	0	0.59	0	-0.4	0.2	0	0	13902.5	-0.01
37	24	1993	0	0	0	0.13	0	0	0.04	0	-0.4	0.2	0	0	13902.6	0
38	24	1993	0	0	0	0.16	0	0	-0.03	0	-0.4	0.2	0	0	13902.8	0
39	24	1993	0.25	0	0	0.2	0	0	0.15	0	-0.3	0.2	0	0	13903	0
40	24	1993	0	0	0	0.11	0	0	0	0	-0.3	0.2	0	0	13903.1	0
41	24	1993	0	0	0.1	0.02	0	0	-0.14	0	-0.1	0.2	0	0	13903.1	0
42	24	1993	0	0	0.02	0.17	0	0	-0.13	0	-0.3	0.2	0	0	13903.3	0
43	24	1993	5.33	0	0	0.99	0	0	4.4	0	-0.3	0.2	0	0	13904.3	0
44	24	1993	9.65	0.25	0	0.36	0	0	9.06	0	-0.3	0.2	0	0	13904.6	0
45	24	1993	0.25	0	0	0.45	0	0	0.08	0	-0.3	0.2	0	0	13905.1	-0.01
46	24	1993	0	0	0	0.16	0	0	-0.16	0	-0.2	0.2	0	0	13905.2	0
47	24	1993	10.92	0.31	0	0.24	0	0	10.38	0	-0.2	0.2	0	0	13905.5	0
48	24	1993	2.29	0	0	0.65	0	0	1.97	0	-0.3	0.2	0	0	13906.1	0
49	24	1993	0	0	0	0.14	0	0	-0.1	0	-0.3	0.2	0	0	13906.3	0
50	24	1993	3.05	0	0	0.53	0	0	2.57	0	-0.3	0.2	0	0	13906.8	0
51	24	1993	0	0	0	0.08	0	0	-0.04	0	-0.3	0.2	0	0	13906.9	0
52	24	1993	12.7	0	0	0.14	0	0	12.61	0	-0.3	0.2	0	0	13907	0
53	24	1993	12.95	0	0	0.07	0	0	12.9	0	-0.2	0.2	0	0	13907.1	0
54	24	1993	0.51	0	0	0.13	0	0	0.39	0	-0.2	0.2	0	0	13907.2	0
55	24	1993	3.3	0	0	0.04	0	0	3.28	0	-0.2	0.2	0	0	13907.3	0
56	24	1993	0	0	0	0.01	0	0	0.01	0	-0.3	0.2	0	0	13907.3	0
57	24	1993	0	0	0	0.08	0	0	-0.05	0	-0.3	0.2	0	0	13907.3	0
58	24	1993	0	0	0	0.07	0	0	-0.04	0	-0.3	0.2	0	0	13907.4	0
59	24	1993	0	0	0	0.11	0	0	-0.08	0	-0.3	0.2	0	0	13907.5	0
60	24	1993	0	0	0	0.12	0	0	-0.08	0	-0.3	0.2	0	0	13907.7	0
61	24	1993	0	0	0	0.06	0	0	-0.06	0	-0.2	0.2	0	0	13907.7	0
62	24	1993	0	0	0.26	0.11	0.09	0	-0.31	0	0.0	0.2	0	0	13907.8	0
63	24	1993	0	0	0	0.52	0	0	-0.54	0	-0.2	0.2	0	0	13908.3	0
64	24	1993	0.25	0	0.41	0.48	0	0	-0.66	0	0.2	0.2	0	0	13908.8	0
65	24	1993	1.02	0	0	0.38	0	0	0.64	0	-0.2	0.2	0	0	13909.2	0
66	24	1993	0	0	2.16	0.36	0.29	0	-2.24	0	0.6	0.2	1.06	0	13909.6	-0.01
67	24	1993	5.59	0.06	7.8	0.4	0	0	-2.71	0	-0.1	0.2	7.71	0	13910	0
68	24	1993	1.02	0	1.53	0.51	0	0	-0.98	0	-0.1	0.2	1.46	0	13910.5	0
69	24	1993	5.84	0	0	0.65	0	0	5.19	0	-0.2	0.2	0	0	13911.1	0
70	24	1993	0.51	0	0	0.31	0	0	0.22	0	-0.2	0.2	0	0	13911.4	-0.01
71	24	1993	0	0	0	0.22	0	0	-0.18	0	-0.3	0.2	0	0	13911.7	0
72	24	1993	33.78	0	0	0.2	0	0	33.62	0	-0.3	0.2	0	0	13911.9	0
73	24	1993	17.53	0	0	0.01	0	0	17.53	0	-0.2	0.2	0	0	13911.9	0
74	24	1993	0.25	0	0	0.11	0	0	0.16	0	-0.2	0.2	0	0	13912	0
75	24	1993	0	0	0	1.13	0	0	-1.13	0	-0.2	0.2	0	0	13913.1	0
76	24	1993	3.56	0	0	0.55	0	0	3	0	-0.2	0.2	0	0	13913.7	0
77	24	1993	0	0	0	0.18	0	0	-0.18	0	-0.2	0.2	0	0	13913.8	-0.01
78	24	1993	0	0	0	0.15	0	0	-0.14	0	-0.2	0.2	0	0	13914	0
79	24	1993	1.78	0	0	0.37	0	0	1.43	0	-0.2	0.2	0	0	13914.4	-0.01
80	24	1993	7.11	0	6.01	0.03	0	0	1.05	0	-0.1	0.2	5.94	0	13914.4	0
81	24	1993	0	0	3.08	0.17	0	0	-3.27	0	-0.1	0.2	2.99	0	13914.6	0
82	24	1993	10.67	0	0.29	0.23	0	0	10.14	0	-0.2	0.2	0.27	0	13914.8	0
83	24	1993	1.02	0	4.47	-0.02	0.03	0	-3.42	0	-0.1	0.2	4.33	0	13914.8	0
84	24	1993	0	0	6.3	0.13	0.14	0	-6.3	0	-0.1	0.2	6.04	0	13914.9	0
85	24	1993	0	0	7.36	0.29	0.31	0	-7.36	0	-0.2	0.2	7.06	0	13915.2	0
86	24	1993	0	0	11.02	0.55	0.58	0	-11	0	-0.5	0.2	10.79	0	13915.7	-0.01
87	24	1993	1.27	0	10.91	0.36	0.23	0	-9.77	0	-0.1	0.2	10.58	0	13916.1	0
88	24	1993	4.06	0	14.71	0.44	0.03	0	-11.06	0	0.5	0.2	14.01	0	13916.5	0
89	24	1993	0	0	21.71	0.66	0.74	0	-21.64	0	0.3	0.2	20.47	0	13917.2	0
90	24	1993	0	0	17.03	0.97	0.98	0	-17.01	0	0.1	0.2	15.78	0	13918.2	-0.01
91	24	1993	9.14	0	19.56	0.82	0.14	0	-11.11	0	0.7	0.2	18.53	0	13919	0
92	24	1993	11.43	0.33	17.07	0.49	0	0	-6.46	0	0.9	0.2	16.03	0	13919.5	0
93	24	1993	3.05	0.13	6.16	0.97	0	0	-3.88	0	0.7	0.2	5.27	0	13920.5	0
94	24	1993	0.51	0	3.59	0.36	0	0	-3.31	0	0.5	0.2	2.9	0	13920.8	0
95	24	1993	0	0	16.41	0.99	0.95	0	-16.38	0	0.3	0.2	14.93	0	13921.8	-0.01
96	24	1993	0	0	6.6	1.39	1.27	0	-10.48	0	-0.4	0.2	9.3	0	13923.2	-0.01
97	24	1993	0	0	0	2.43	1.51	0	0	0	-2.6	0.2	0	0	13925.6	-0.01
98	24	1993	0	0	0	2.03	1.61	0	0	0	-2.2	0.2	0	0	13927.6	-0.01
99	24	1993	0	0	0	3.69	2.18	0	0	0	-3.9	0.2	0	0	13931.3	-0.02
100	24	1993	38.35	0	0	1.36	0.15	0	0	0	36.8	0.2	0	0	13932.7	-0.01
101	24	1993	1.52	0	0	1.48	0.17	0	0	0	-0.1	0.2	0	0	13934.2	-0.02
102	24	1993	9.14	0	0	1.54	0	0	0	0	7.4	0.2	0	0	13935.7	-0.01
103	24	1993	0	0	0	0.92	0.45	0	0	0	-1.1	0.2	0	0	13936.6	0
104	24	1993	0	0	0	2.86	1.27	0	0	0	-3.0	0.2	0	0	13939.5	-0.01
105	24	1993	0.25	0	0	3.2	1.9	0	0	0	-3.1	0.2	0	0	13942.7	-0.01
106	24	1993	18.8	0	0	1.9	0.39	0	0	0	16.7	0.2	0	0	13944.6	-0.02
107	24	1993	12.45	0	0	2.13	0.17	0	0	0	10.2	0.2	0	0	13946.7	-0.02
108	24	1993	0	0	0	3.5	1.31	0	0	0	-3.6	0.2	0	0	13950.2	-0.04
109	24	1993	0	0	0	3.24	2	0	0	0	-3.4	0.2	0	0	13953.5	0
110	24	1993	5.59	0	0	2.55	0.94	0	0	0	2.9	0.2	0	0	13956	-0.02
111	24	1993	9.4	0	0	2.03	0.28	0	0	0	7.2	0.2	0	0	13958.1	-0.03
112	24	1993	22.1	0.17	0	1.7	0	0	0	0	20.1	0.2	0	0	13959.8	-0.01
113	24	1993	5.84	0	0	4.07	1.05	0	0	0	1.8	0.2	0	0	13963.8	-0.03
114	24	1993	0	0	0	3.63	1.71	0	0	0	-3.8	0.2	0	0	13967.5	-0.01
115	24	1993	13.97	0	0	3.97	1.67	0	0	0	9.8	0.2	0	0	13971.4	-0.01
116	24	1993	4.83	0	0	2.19	0.1	0	0	0	2.5	0.2	0	0	13973.6	-0.02
117	24	1993	0	0	0	3.93	1.38	0	0	0	-4.1	0.2	0	0	13977.6	0
118	24	1993	0	0	0	3.35	1.77	0	0	0	-3.5	0.2	0	0	13980.9	0.01
119	24	1993	0	0	0	3.31	1.95	0	0	0	-3.5	0.2	0	0	13984.2	0.01
120	24	1993	0	0	0	2.43	1.52	0	0	0	-2.6	0.2	0	0	13986.6	0.02
121	24	1993	0	0	0	4.25	1.67	0	0	0	-4.4	0.2	0	0	13990.9	0
122	24	1993	0	0	0	4.08	1.92	0	0	0	-4.2	0.2	0	0	13995	-0.01
123	24	1993	0	0	0	4.81	2.63	0	0	0	-5.0	0.2	0	0	13999.8	-0.02
124	24	1993	0	0	0	3.09	1.78	0	0	0	-3.3	0.2	0	0	14002.9	-0.01
125	24	1993	11.94	0	0	3.13	1.1	0	0	0	8.6	0.2	0	0	14006	-0.01
126	24	1993	0.25	0	0	2.87	1.31	0	0	0	-2.8	0.2	0	0	14008.9	-0.03
127	24	1993	0	0	0	4.2	1.52	0	0	0	-4.4	0.2	0	0	14013.1	-0.01
128	24	1993	0	0	0	4.52	2.14	0	0	0	-4.7	0.2	0	0	14017.6	-0.01
129	24	1993	0	0	0	4.94	2.34	0	0	0	-5.1	0.2	0	0	14022.5	-0.02
130	24	1993	0	0	0	5.03	2.47	0	0	0	-5.2	0.2	0	0	14027.6	-0.02
131	24	1993	0.25	0	0	5.3	2.69	0	0	0	-5.2	0.2	0	0	14032.8	-0.03
132	24	1993	1.02	0	0	6.31	2.87	0	0	0	-5.5	0.2	0	0	14039.2	-0.04
133	24	1993	0	0	0	4.9	1.63	0	0	0	-5.1	0.2	0	0	14044.1	-0.02
134	24	1993	0	0	0	4.21	1.81	0	0	0	-4.5	0.3	0	0	14048.3	0
135	24	1993	0	0	0	3.57	2	0	0	0	-3.8	0.3	0	0	14051.8	0.01
136	24	1993	0	0	0	3.97	1.76	0	0	0	-4.2	0.3	0	0	14055.8	-0.02
137	24	1993	0	0	0	4.05	1.65	0	0	0	-4.3	0.3	0	0	14059.9	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
138	24	1993	0	0	0	2.27	1.04	0	0	0	-2.6	0.3	0	0	14062.1	0.01
139	24	1993	20.32	0	0	1.57	0.07	0	0	0	18.5	0.3	0	0	14063.7	-0.01
140	24	1993	0	0	0	3.27	1.36	0	0	0	-3.6	0.3	0	0	14067	-0.02
141	24	1993	0	0	0	4.77	1.93	0	0	0	-5.1	0.3	0	0	14071.8	-0.02
142	24	1993	0	0	0	4.38	1.71	0	0	0	-4.7	0.3	0	0	14076.1	0.01
143	24	1993	0	0	0	4.57	2.1	0	0	0	-4.9	0.3	0	0	14080.7	-0.03
144	24	1993	3.05	0	0	2.41	0.65	0	0	0	0.3	0.3	0	0	14083.1	0
145	24	1993	0.25	0	0	3.06	1.28	0	0	0	-3.1	0.4	0	0	14086.2	-0.03
146	24	1993	1.27	0	0	4.76	1.78	0	0	0	-3.8	0.4	0	0	14090.9	-0.03
147	24	1993	0	0	0	4.13	1.54	0	0	0	-4.5	0.4	0	0	14095.1	-0.03
148	24	1993	2.79	0	0	4.19	1.62	0	0	0	-1.7	0.4	0	0	14099.3	-0.03
149	24	1993	0	0	0	4.66	1.69	0	0	0	-5.0	0.4	0	0	14103.9	-0.02
150	24	1993	0	0	0	5.08	2.12	0	0	0	-5.5	0.4	0	0	14109	-0.01
151	24	1993	16	0	0	2.6	0.62	0	0	0	13.0	0.4	0	0	14111.6	0
152	24	1993	2.03	0	0	4.3	1.26	0	0	0	-2.6	0.4	0	0	14115.9	-0.03
153	24	1993	0	0	0	5.02	2.19	0	0	0	-5.4	0.4	0	0	14120.9	-0.02
154	24	1993	0	0	0	5.17	2.32	0	0	0	-5.6	0.4	0	0	14126.1	-0.01
155	24	1993	0	0	0	4.86	2.02	0	0	0	-5.3	0.4	0	0	14131	0
156	24	1993	20.07	0	0	2.01	0.17	0	0	0	17.7	0.4	0	0	14133	0
157	24	1993	2.03	0	0	4.29	1.45	0	0	0	-2.6	0.4	0	0	14137.3	-0.03
158	24	1993	0	0	0	3.22	1.68	0	0	0	-3.6	0.4	0	0	14140.5	0
159	24	1993	6.35	0	0	3.58	1.18	0	0	0	2.4	0.4	0	0	14144.1	-0.01
160	24	1993	2.03	0	0	4.75	1.77	0	0	0	-3.1	0.4	0	0	14148.8	-0.02
161	24	1993	8.13	0	0	5.56	1.81	0	0	0	2.2	0.4	0	0	14154.4	-0.04
162	24	1993	0	0	0	2.71	1.23	0	0	0	-3.1	0.4	0	0	14157.1	-0.03
163	24	1993	0	0	0	5.42	2.46	0	0	0	-5.8	0.4	0	0	14162.5	-0.01
164	24	1993	0	0	0	5.75	2.55	0	0	0	-6.2	0.4	0	0	14168.3	-0.02
165	24	1993	0	0	0	5.66	2.72	0	0	0	-6.1	0.4	0	0	14173.9	-0.02
166	24	1993	5.84	0	0	4.25	1.46	0	0	0	1.2	0.4	0	0	14178.2	-0.02
167	24	1993	0	0	0	3.52	1.5	0	0	0	-3.9	0.4	0	0	14181.7	-0.04
168	24	1993	0	0	0	5.02	2.32	0	0	0	-5.4	0.4	0	0	14186.7	-0.02
169	24	1993	0	0	0	3.84	1.99	0	0	0	-4.2	0.4	0	0	14190.6	-0.02
170	24	1993	0.76	0	0	2.33	0.95	0	0	0	-2.0	0.4	0	0	14192.9	-0.02
171	24	1993	10.16	0	0	2.84	0.69	0	0	0	6.9	0.4	0	0	14195.7	-0.03
172	24	1993	2.29	0	0	2.53	0.61	0	0	0	-0.6	0.4	0	0	14198.3	-0.04
173	24	1993	0	0	0	4.15	1.67	0	0	0	-4.5	0.4	0	0	14202.4	-0.03
174	24	1993	0	0	0	5.89	2.26	0	0	0	-6.3	0.4	0	0	14208.3	-0.01
175	24	1993	0	0	0	5.6	2.55	0	0	0	-6.0	0.4	0	0	14213.9	-0.01
176	24	1993	0	0	0	6.09	2.97	0	0	0	-6.5	0.4	0	0	14220	-0.02
177	24	1993	2.29	0	0	3.28	1.33	0	0	0	-1.4	0.4	0	0	14223.3	-0.01
178	24	1993	4.57	0	0	5.07	1.88	0	0	0	-0.9	0.4	0	0	14228.4	-0.01
179	24	1993	7.87	0	0	4.41	1.37	0	0	0	3.1	0.4	0	0	14232.8	-0.02
180	24	1993	0	0	0	4.97	2.04	0	0	0	-5.4	0.4	0	0	14237.7	-0.01
181	24	1993	0	0	0	4.48	1.88	0	0	0	-4.9	0.4	0	0	14242.2	-0.01
182	24	1993	0	0	0	4.76	2.44	0	0	0	-5.1	0.4	0	0	14247	-0.02
183	24	1993	16.76	0	0	3.02	1.09	0	0	0	13.4	0.4	0	0	14250	-0.01
184	24	1993	0	0	0	4.64	2.15	0	0	0	-5.0	0.4	0	0	14254.6	-0.02
185	24	1993	0	0	0	5.18	2.3	0	0	0	-5.5	0.4	0	0	14259.8	-0.01
186	24	1993	0	0	0	5.42	2.46	0	0	0	-5.8	0.4	0	0	14265.2	-0.02
187	24	1993	0	0	0	4.6	2.75	0	0	0	-5.0	0.4	0	0	14269.8	0.01
188	24	1993	8.13	0	0	5.17	1.76	0	0	0	2.6	0.4	0	0	14275	-0.01
189	24	1993	17.53	0	0	5.41	1.75	0	0	0	11.8	0.4	0	0	14280.4	-0.01
190	24	1993	0	0	0	5.71	2.48	0	0	0	-6.1	0.4	0	0	14286.1	-0.02
191	24	1993	0	0	0	5.69	2.39	0	0	0	-6.0	0.4	0	0	14291.8	-0.03
192	24	1993	0	0	0	5.56	2.38	0	0	0	-5.9	0.4	0	0	14297.4	-0.01
193	24	1993	12.19	0	0	5.93	1.82	0	0	0	5.9	0.4	0	0	14303.3	-0.01
194	24	1993	0	0	0	5.68	2.09	0	0	0	-6.0	0.4	0	0	14309	-0.02
195	24	1993	0.76	0	0	3.56	1.33	0	0	0	-3.2	0.4	0	0	14312.5	-0.01
196	24	1993	0	0	0	3.97	1.59	0	0	0	-4.3	0.4	0	0	14316.5	-0.02
197	24	1993	0	0	0	2.32	1.83	0	0	0	-2.7	0.4	0	0	14318.8	-0.01
198	24	1993	0	0	0	1.64	1.53	0	0	0	-2.0	0.3	0	0	14320.5	-0.01
199	24	1993	0	0	0	1.72	1.59	0	0	0	-2.1	0.3	0	0	14322.2	-0.01
200	24	1993	38.61	0	0	1.41	0.2	0	0	0	36.9	0.3	0	0	14323.6	-0.01
201	24	1993	0.25	0	0	4.8	2.1	0	0	0	-4.9	0.3	0	0	14328.4	-0.03
202	24	1993	0	0	0	5.2	2.12	0	0	0	-5.5	0.3	0	0	14333.6	-0.03
203	24	1993	0	0	0	6.22	2.5	0	0	0	-6.5	0.3	0	0	14339.8	-0.04
204	24	1993	0	0	0	5.78	2.52	0	0	0	-6.1	0.3	0	0	14345.6	0
205	24	1993	0	0	0	5.21	2.43	0	0	0	-5.5	0.3	0	0	14350.8	-0.01
206	24	1993	0	0	0	4.32	2.49	0	0	0	-4.6	0.3	0	0	14355.1	-0.01
207	24	1993	2.03	0	0	2.81	1.3	0	0	0	-1.1	0.3	0	0	14357.9	-0.01
208	24	1993	1.52	0	0	3.4	1.64	0	0	0	-2.2	0.3	0	0	14361.3	-0.01
209	24	1993	0	0	0	3.15	2.66	0	0	0	-3.5	0.3	0	0	14364.5	-0.01
210	24	1993	5.08	0	0	4.01	1.32	0	0	0	0.8	0.3	0	0	14368.5	-0.04
211	24	1993	16.26	0	0	2.32	0.29	0	0	0	13.7	0.3	0	0	14370.8	-0.02
212	24	1993	1.78	0	0	3.36	1.24	0	0	0	-1.9	0.3	0	0	14374.2	0
213	24	1993	0	0	0	4.46	2.19	0	0	0	-4.7	0.3	0	0	14378.6	-0.02
214	24	1993	21.08	0	0	3.68	1.04	0	0	0	17.1	0.3	0	0	14382.3	-0.03
215	24	1993	0	0	0	5.04	2.37	0	0	0	-5.3	0.3	0	0	14387.3	-0.02
216	24	1993	4.32	0	0	3	0.64	0	0	0	1.1	0.3	0	0	14390.3	-0.04
217	24	1993	0.25	0	0	3.73	1.72	0	0	0	-3.7	0.3	0	0	14394.1	-0.03
218	24	1993	0	0	0	4.43	2.28	0	0	0	-4.7	0.3	0	0	14398.5	-0.01
219	24	1993	2.03	0	0	2.55	0.67	0	0	0	-0.8	0.3	0	0	14401.1	-0.01
220	24	1993	0	0	0	3.38	1.93	0	0	0	-3.6	0.3	0	0	14404.4	-0.02
221	24	1993	0	0	0	4.85	2.6	0	0	0	-5.1	0.3	0	0	14409.3	-0.02
222	24	1993	0.51	0	0	3.93	2.14	0	0	0	-3.7	0.3	0	0	14413.2	-0.02
223	24	1993	0	0	0	3.16	1.91	0	0	0	-3.4	0.3	0	0	14416.4	-0.03
224	24	1993	0	0	0	3.63	2.14	0	0	0	-3.9	0.3	0	0	14420	-0.02
225	24	1993	0	0	0	3.93	2.39	0	0	0	-4.2	0.3	0	0	14423.9	-0.03
226	24	1993	0	0	0	2.88	2.38	0	0	0	-3.1	0.3	0	0	14426.8	-0.02
227	24	1993	0	0	0	2.25	2.11	0	0	0	-2.5	0.3	0	0	14429.1	-0.02
228	24	1993	2.29	0	0	1.34	0.27	0	0	0	0.7	0.3	0	0	14430.4	0
229	24	1993	0	0	0	1.23	0.9	0	0	0	-1.5	0.3	0	0	14431.6	-0.02
230	24	1993	0	0	0	2.26	1.49	0	0	0	-2.5	0.3	0	0	14433.9	-0.03
231	24	1993	0	0	0	1.54	1.34	0	0	0	-1.8	0.3	0	0	14435.4	-0.03
232	24	1993	9.65	0	0	2.69	0.65	0	0	0	6.7	0.3	0	0	14438.1	-0.02
233	24	1993	0	0	0	3.39	1.06	0	0	0	-3.6	0.3	0	0	14441.5	-0.02
234	24	1993	0	0	0	2.8	0.99	0	0	0	-3.0	0.3	0	0	14444.3	-0.03
235	24	1993	0	0	0	2.45	1.04	0	0	0	-2.7	0.3	0	0	14446.8	-0.03
236	24	1993	73.91	0	0	3.93	1.59	0	0	0	69.8	0.3	0	0	14450.7	-0.04
237	24	1993	0	0	0	4.45	3.13	0	0	0	-4.7	0.3	0	0	14455.2	-0.03
238	24	1993	0	0	0	4.55	3.36	0	0	0	-4.8	0.3	0	0	14459.7	-0.03
239	24	1993	0	0	0	4.85	3.6	0	0	0	-5.1	0.3	0	0	14464.6	-0.03
240	24	1993	0	0	0	4.03	2.73	0	0	0	-4.2	0.3	0	0	14468.6	-0.04
241	24	1993	0	0	0	4.19	2.87	0	0	0	-4.4	0.2	0	0	14472.8	-0.03
242	24	1993	0	0	0	3.75	2.73	0	0	0	-4.0	0.2	0	0	14476.5	-0.03
243	24	1993	5.59	0	0	5.03	2.23	0	0	0	0.4	0.2	0	0	14481.6	-0.04
244	24	1993	1.52	0	0	5.01	2.59	0	0	0	-3.7	0.2	0	0	14486.6	-0.04
245	24	1993	4.57	0.09	0	2.6	0.07	0	0	0	1.7	0.2	0	0	14489.2	-0.01
246	24	1993	12.7	0	0	3.91	1.24	0	0	0	8.7	0.2	0	0	14493.1	-0.01
247	24	1993	0.51	0	0	3.39	2.19	0	0	0	-3.1	0.2	0	0	14496.5	-0.04
248	24	1993	0.25	0	0	4.04	2.9	0	0	0	-4.0	0.2	0	0	14500.5	-0.04
249	24	1993	14.73	0.38	0	2.36	0.12	0	0	0	11.8	0.2	0	0	14502.9	0
250	24	1993	0	0	0	2.52	1.6	0	0	0	-2.4	0.2	0	0	14505.4	-0.01
251	24	1993	0	0	0	3.61	2.64	0	0	0	-3.8	0.2	0	0	14509	-0.06
252	24	1993	0	0	0	2.92	2.24	0	0	0	-3.1	0.2	0	0	14511.9	-0.04
253	24	1993	9.14	0	0	4.18	0.92	0	0	0	4.8	0.2	0	0	14516.1	-0.05
254	24	1993	5.08	0	0	4.02	0.5	0	0	0	0.9	0.2	0	0	14520.1	-0.03
255	24	1993	0	0	0	3.42	2.72	0	0	0	-3.6	0.2	0	0	14523.5	-0.03
256	24	1993	0	0	0	4.8	4.45	0	0	0	-5.0	0.2	0	0	14528.3	0.01
257	24	1993	0	0	0	5.12	4.49	0	0	0	-5.3	0.2	0	0	14533.5	0
258	24	1993	4.06	0	0	4.31	1.14	0	0	0	-0.4	0.2	0	0	14537.8	-0.07
259	24	1993	0	0	0	1.96	1.15	0	0	0	-2.1	0.2	0	0	14539.7	-0.04
260	24	1993	0	0	0	1.39	1.12	0	0	0	-1.6	0.2	0	0	14541.1	0.01
261	24	1993	0	0	0	1.34	0.98	0	0	0	-1.5	0.2	0	0	14542.5	-0.06
262	24	1993	0.25	0	0	3.91	2.51	0	0	0	-3.8	0.2	0	0	14546.4	-0.05
263	24	1993	0	0	0	2.49	1.95	0	0	0	-2.7	0.2	0	0	14548.9	-0.03
264	24	1993	0	0	0	1.5	1.24	0	0	0	-1.7	0.2	0	0	14550.4	0
265	24	1993	0	0	0	2.74	2.5	0	0	0	-2.9	0.2	0	0	14553.1	-0.02
266	24	1993	10.41	1.34	0	1.88	0.14	0	0	0	7.0	0.2	0	0	14555	-0.03
267	24	1993	0	0	0	3.85	1.83	0	0	0	-2.7	0.2	0	0	14558.8	-0.02
268	24	1993	0.51	0	0	3.23	2.5	0	0	0	-2.9	0.2	0	0	14562.1	-0.04
269	24	1993	20.32	0.43	0	2.82	0.21	0	0	0	16.9	0.2	0	0	14564.9	0
270	24	1993	11.94	1.71	0	1.72	0	0	0	0	8.8	0.2	0	0	14566.6	-0.01
271	24	1993	0.25	0	0	3.58	0.97	0	0	0	-1.8	0.2	0	0	14570.2	-0.01
272	24	1993	1.02	0	0	3.05	1.5	0	0	0	-2.2	0.2	0	0	14573.2	-0.04
273	24	1993	0	0	0	1.78	1.19	0	0	0	-1.9	0.2	0	0	14575	-0.05
274	24	1993	0	0	0	3.34	2.65	0	0	0	-3.5	0.2	0	0	14578.4	-0.05

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
275	24	1993	6.86	0.84	0	2.18	0.19	0	0	0	3.6	0.2	0	0	14580.6	0.02
276	24	1993	0	0	0	2.83	1.35	0	0	0	-2.2	0.2	0	0	14583.4	-0.02
277	24	1993	12.95	0	0	3.05	0.16	0	0	0	9.7	0.2	0	0	14586.4	-0.01
278	24	1993	0	0	0	2.4	1.68	0	0	0	-2.6	0.2	0	0	14588.8	-0.04
279	24	1993	0	0	0	2.52	2.18	0	0	0	-2.7	0.2	0	0	14591.4	-0.03
280	24	1993	0	0	0	3.09	2.93	0	0	0	-3.3	0.2	0	0	14594.4	-0.02
281	24	1993	0	0	0	2.62	2.48	0	0	0	-2.8	0.2	0	0	14597.1	-0.05
282	24	1993	3.3	0	0	2.98	0.19	0	0	0	0.2	0.2	0	0	14600	-0.03
283	24	1993	0	0	0	1.96	0.93	0	0	0	-2.1	0.2	0	0	14602	-0.03
284	24	1993	0	0	0	2.7	2.01	0	0	0	-2.9	0.2	0	0	14604.7	-0.01
285	24	1993	2.03	0.21	0	1.5	0.12	0	0	0	0.1	0.2	0	0	14606.2	0.01
286	24	1993	0.25	0	0	1.67	0.55	0	0	0	-1.4	0.2	0	0	14607.9	-0.02
287	24	1993	0	0	0	1.62	1.18	0	0	0	-1.8	0.2	0	0	14609.5	-0.02
288	24	1993	0	0	0	1.75	1.6	0	0	0	-1.9	0.2	0	0	14611.2	-0.01
289	24	1993	0	0	0	2.1	1.96	0	0	0	-2.3	0.2	0	0	14613.3	-0.03
290	24	1993	23.11	0.5	0	1.5	0.1	0	0	0	20.9	0.2	0	0	14614.8	0.02
291	24	1993	0	0	0	2	0.85	0	0	0	-1.7	0.2	0	0	14616.8	-0.02
292	24	1993	0	0	0	1.37	0.96	0	0	0	-1.5	0.2	0	0	14618.2	-0.04
293	24	1993	3.81	0.68	0	1.26	0.06	0	0	0	1.7	0.2	0	0	14619.5	0.01
294	24	1993	3.3	0	0	2.53	0.34	0	0	0	1.3	0.2	0	0	14622	-0.03
295	24	1993	0.25	0	0	2.48	1.2	0	0	0	-2.4	0.2	0	0	14624.5	-0.04
296	24	1993	0.25	0	0	1.91	0.98	0	0	0	-1.8	0.2	0	0	14626.4	-0.02
297	24	1993	0	0	0	2.48	2.03	0	0	0	-2.7	0.2	0	0	14628.9	0
298	24	1993	0	0	0	1.73	1.16	0	0	0	-1.9	0.2	0	0	14630.6	0
299	24	1993	0	0	0	1.81	1.23	0	0	0	-2.0	0.2	0	0	14632.4	-0.01
300	24	1993	1.27	0	0	1	0.08	0	0	0	0.1	0.2	0	0	14633.4	0
301	24	1993	0.51	0	0	1.12	0.31	0	0	0	-0.8	0.2	0	0	14634.5	-0.02
302	24	1993	0	0	0	1.73	0.94	0	0	0	-1.8	0.2	0	0	14636.3	-0.05
303	24	1993	5.84	0.33	0	1.27	0	0	0	0	4.1	0.2	0	0	14637.5	0
304	24	1993	10.16	0.73	0	0.65	0	0	0	0	9.0	0.2	0	0	14638.2	-0.01
305	24	1993	10.92	0.67	0	0.89	0	0	0	0	10.0	0.2	0	0	14639.1	-0.01
306	24	1993	0	0	0	1.27	0	0	0	0	-0.8	0.2	0	0	14640.3	-0.01
307	24	1993	3.3	0	0	1.34	0	0	0	0	1.8	0.2	0	0	14641.7	0.01
308	24	1993	0	0	0	0.98	0.58	0	0	0	-1.1	0.2	0	0	14642.6	-0.01
309	24	1993	4.57	0	0	1.17	0.06	0	0	0	3.2	0.2	0	0	14643.8	0.01
310	24	1993	0.25	0	0	1.34	0.39	0	0	0	-1.2	0.2	0	0	14645.1	-0.03
311	24	1993	0.25	0	0	0.85	0	0	0	0	-0.7	0.2	0	0	14646	-0.02
312	24	1993	0	0	0	1.32	0.55	0	0	0	-1.5	0.2	0	0	14647.3	-0.01
313	24	1993	0	0	0	1.22	0.79	0	0	0	-1.4	0.2	0	0	14648.5	0
314	24	1993	0	0	0	0.93	0.58	0	0	0	-1.1	0.2	0	0	14649.5	-0.01
315	24	1993	0	0	0	1.27	0.69	0	0	0	-1.4	0.2	0	0	14650.7	-0.01
316	24	1993	3.56	0	0	1.25	0	0	0	0	2.2	0.2	0	0	14652	-0.01
317	24	1993	0	0	0	0.99	0.58	0	0	0	-1.1	0.2	0	0	14653	-0.01
318	24	1993	8.13	0.2	0	0.76	0.04	0	0	0	7.0	0.2	0	0	14653.7	0.03
319	24	1993	1.02	0	0	1.42	0.51	0	0	0	-0.3	0.2	0	0	14655.2	-0.03
320	24	1993	0	0	0	0.75	0.15	0	0	0	-0.9	0.2	0	0	14655.9	-0.01
321	24	1993	16.76	0.61	0	0.67	0	0	0	0	15.3	0.2	0	0	14656.6	0
322	24	1993	0	0	0	1.08	0.12	0	0	0	-0.6	0.2	0	0	14657.7	0
323	24	1993	1.02	0	0	1.11	0.29	0	0	0	-0.2	0.1	0	0	14658.8	-0.03
324	24	1993	4.57	0	0	2.3	0.23	0	0	0	2.2	0.1	0	0	14661.1	-0.03
325	24	1993	0	0	0	1.1	0.43	0	0	0	-1.2	0.1	0	0	14662.2	-0.02
326	24	1993	0	0	0	1.14	0.85	0	0	0	-1.3	0.1	0	0	14663.3	0.01
327	24	1993	0	0	0	0.4	0.18	0	0	0	-0.5	0.1	0	0	14663.7	0
328	24	1993	1.78	0.14	0.35	0.8	0	0	0.88	0	-0.2	0.1	0	0	14664.5	-0.01
329	24	1993	0	0	0	0.52	0	0	0.53	0	-1.1	0.1	0	0	14665	0
330	24	1993	0	0	0.11	0.24	0	0	0.14	0	-0.5	0.1	0	0	14665.3	0
331	24	1993	12.19	0	12.41	1.25	0.19	0	-1.56	0	3.8	0.1	8.56	0	14666.5	0
332	24	1993	12.45	0	0	0.96	0.1	0	0	0	11.4	0.1	0	0	14667.5	0
333	24	1993	0	0	0	0.54	0	0	0	0	-0.7	0.1	0	0	14668	-0.01
334	24	1993	0.51	0	0.31	0.83	0	0	0	0	-0.5	0.1	0	0	14668.9	0
335	24	1993	0	0	0	0.81	0.18	0	0	0	-1.0	0.1	0	0	14669.7	0
336	24	1993	4.06	0	0	1.16	0.08	0	0	0	-0.3	0.1	3.04	0	14670.8	-0.01
337	24	1993	1.27	0	0	0.56	0.09	0	0	0	0.6	0.1	0	0	14671.4	0
338	24	1993	19.3	0.59	0	0.4	0	0	0	0	18.2	0.1	0	0	14671.8	0.01
339	24	1993	2.03	0.59	0	0.54	0	0	0	0	1.4	0.1	0	0	14672.3	0
340	24	1993	0.51	0	0	1.01	0	0	0	0	0.0	0.1	0	0	14673.3	0
341	24	1993	1.52	0.02	0	0.72	0	0	0	0	0.6	0.1	0	0	14674.1	0.01
342	24	1993	0	0	0	0.34	0.1	0	0	0	-0.5	0.1	0	0	14674.4	0
343	24	1993	0	0	0	0.52	0.25	0	0	0	-0.6	0.1	0	0	14674.9	-0.01
344	24	1993	5.84	0.16	0	0.92	0.02	0	0	0	4.6	0.1	0	0	14675.8	0.02
345	24	1993	2.03	0	0.85	2.03	0.13	0	0	0	0.0	0.1	0	0	14677.9	0
346	24	1993	0.51	0	0.31	1.06	0	0	0	0	-1.0	0.1	0	0.31	14678.9	-0.01
347	24	1993	0	0	0	0.22	0	0	0	0	0.0	0.1	0	0	14679.2	0
348	24	1993	0	0	0	0.1	0	0	0	0	-0.2	0.1	0	0	14679.2	0
349	24	1993	0	0	0	0.04	0	0	0	0	-0.2	0.1	0	0	14679.3	0
350	24	1993	0	0	0	0.44	0	0	0	0	-0.6	0.1	0	0	14679.7	-0.01
351	24	1993	0	0	0	0.24	0	0	0	0	-0.4	0.1	0	0	14680	0
352	24	1993	0.76	0.04	0.46	0.37	0	0	0	0	-0.2	0.1	0	0.46	14680.3	0
353	24	1993	0	0	0	0.04	0	0	0	0	-0.1	0.1	0	0.42	14680.4	-0.01
354	24	1993	0	0	0	0.22	0.18	0	0	0	0.1	0.1	0	0	14680.6	-0.02
355	24	1993	25.91	0.72	0	0.25	0	0	0	0	0.7	0.1	24.1	0	14680.9	0.01
356	24	1993	2.03	0	0	1.87	0	0	1.44	0	-0.7	0.1	0	0	14682.7	-0.02
357	24	1993	0.25	0	0	0.29	0	0	0.57	0	-0.7	0.1	0	0	14683	-0.01
358	24	1993	1.02	0	0	0.52	0	0	0.85	0	-0.5	0.1	0	0	14683.5	0
359	24	1993	1.27	0	0	0.51	0	0	1.03	0	-0.4	0.1	0	0	14684.1	0
360	24	1993	5.08	0	0	1.01	0	0	4.28	0	-0.3	0.1	0	0	14685.1	0
361	24	1993	0.76	0	0	0.28	0	0	0.65	0	-0.3	0.1	0	0	14685.3	0
362	24	1993	1.02	0.06	0	0.28	0	0	0.82	0	-0.3	0.1	0	0	14685.6	0
363	24	1993	0	0	0	0.12	0	0	0.1	0	-0.3	0.1	0	0	14685.7	0
364	24	1993	0	0	0	0.07	0	0	0.05	0	-0.3	0.1	0	0	14685.8	0
365	24	1993	0	0	0	0.12	0	0	0.02	0	-0.3	0.1	0	0	14685.9	0
1	24	1994	0	0	0.04	0.29	0.28	0	0.03	0	-0.5	0.1	0.04	0	14686.2	0
2	24	1994	0	0	0.03	0.12	0	0	0.01	0	-0.3	0.1	0.03	0	14686.3	-0.01
3	24	1994	0.25	0	0	0.22	0	0	0.29	0	-0.4	0.1	0	0	14686.6	0
4	24	1994	28.19	0.16	0	0.28	0	0	27.89	0	-0.3	0.1	0	0	14686.9	0
5	24	1994	5.08	0.09	0	0.33	0	0	4.85	0	-0.2	0.1	0	0	14687.2	0
6	24	1994	3.56	0.25	0	0.17	0	0	3.26	0	-0.2	0.1	0	0	14687.4	0
7	24	1994	6.86	0.15	0	0.19	0	0	6.8	0	-0.2	0.1	0	0	14687.5	0
8	24	1994	3.81	0.04	0	0.44	0	0	3.51	0	-0.2	0.1	0	0	14688	0
9	24	1994	3.3	0.19	0	0.22	0	0	2.97	0	-0.2	0.1	0	0	14688.2	0
10	24	1994	0	0	0	0.18	0	0	0.05	0	-0.2	0.1	0	0	14688.4	0
11	24	1994	0.76	0	0	0.26	0	0	0.55	0	-0.2	0.1	0	0	14688.6	0
12	24	1994	0	0	0	0.03	0	0	-0.01	0	-0.2	0.1	0	0	14688.7	0
13	24	1994	0.51	0	0	0.14	0	0	0.41	0	-0.2	0.1	0	0	14688.8	-0.01
14	24	1994	2.79	0.28	0	0.25	0	0	2.31	0	-0.2	0.1	0	0	14689.1	0
15	24	1994	2.29	0.3	0	0.3	0	0	2.03	0	-0.2	0.1	0	0	14689.4	0
16	24	1994	0.25	0.02	0	0.34	0	0	0.27	0	-0.2	0.1	0	0	14689.7	0
17	24	1994	6.35	0	0	0.5	0	0	5.93	0	-0.2	0.1	0	0	14690.2	0
18	24	1994	0	0	0	0.26	0	0	-0.21	0	-0.2	0.1	0	0	14690.5	0
19	24	1994	0	0	0	0.01	0	0	0.04	0	-0.2	0.1	0	0	14690.5	0
20	24	1994	0	0	0	0.03	0	0	0.04	0	-0.2	0.1	0	0	14690.5	0
21	24	1994	0	0	0	0.07	0	0	0	0	-0.2	0.1	0	0	14690.6	0
22	24	1994	1.78	0	0	0.39	0	0	1.45	0	-0.2	0.1	0	0	14690.9	0
23	24	1994	0.76	0	0	0.23	0	0	0.59	0	-0.2	0.1	0	0	14691.2	0
24	24	1994	4.06	0.14	0	0.34	0	0	3.6	0	-0.2	0.1	0	0	14691.5	0
25	24	1994	0	0	0	0.23	0	0	-0.05	0	-0.2	0.1	0	0	14691.7	-0.01
26	24	1994	3.81	0.16	0	0.25	0	0	3.47	0	-0.2	0.1	0	0	14692	0
27	24	1994	5.08	0	0	0.47	0	0	4.84	0	-0.2	0.1	0	0	14692.5	0
28	24	1994	7.87	0	7.03	0.3	0.14	0	0.67	0	-0.3	0.1	7.02	0	14692.8	0
29	24	1994	1.27	0	0	0.57	0	0	0.7	0	-0.1	0.1	0	0	14693.3	-0.01
30	24	1994	0	0	0	0.07	0	0	-0.03	0	-0.2	0.1	0	0	14693.4	0
31	24	1994	0	0	0	0.02	0	0	0.06	0	-0.2	0.1	0	0	14693.4	0
32	24	1994	0	0	0	0.08	0	0	0	0	-0.2	0.1	0	0	14693.5	0
33	24	1994	0	0	0	0.1	0	0	-0.03	0	-0.2	0.1	0	0	14693.6	0
34	24	1994	1.27	0	0	0.41	0	0	0.93	0	-0.2	0.1	0	0	14694	0
35	24	1994	0.25	0	0	0.2	0	0	0.11	0	-0.2	0.1	0	0	14694.2	0
36	24	1994	0	0	0	0.14	0	0	-0.09	0	-0.2	0.1	0	0	14694.4	0
37	24	1994	0.25	0	0	0.15	0	0	0.15	0	-0.2	0.1	0	0	14694.5	0
38	24	1994	2.29	0	0	0.6	0	0	1.73	0	-0.2	0.1	0	0	14695.1	0
39	24	1994	4.32	0.13	0	0.29	0	0	3.94	0	-0.2	0.1	0	0	14695.4	0
40	24	1994	6.35	0.07	0	0.17	0	0	6.27	0	-0.2	0.1	0	0	14695.6	0
41	24	1994	0	0	0	0.08	0	0	0.03	0	-0.2	0.1	0	0	14695.6	0
42	24	1994	0	0	0	0.07	0	0	-0.04	0	-0.2	0.1	0	0	14695.7	0
43	24	1994	0	0	0	0.07	0	0	-0.04	0	-0.2	0.1	0	0	14695.8	0
44	24	1994	2.79	0	0	0.5	0	0	2.31	0	-0.2	0.1	0	0	14696.3	0
45	24	1994	2.54	0	0	0.4	0	0	2.16	0	-0.2	0.1	0	0	14696.7	0
46	24	1994	0.51	0	0	0.26	0	0	0.28	0	-0.2	0.1	0	0	14696.9	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
47	24	1994	1.02	0	0	0.22	0	0	0.83	0	-0.2	0.1	0	0	14697.2	0
48	24	1994	0	0	0	0.25	0.22	0	-0.01	0	-0.4	0.1	0	0	14697.4	0
49	24	1994	0	0	0	0.26	0.26	0	0.02	0	-0.4	0.1	0	0	14697.7	0
50	24	1994	0	0	2.25	0.57	0.58	0	-2.25	0	-0.7	0.1	2.25	0	14698.2	0
51	24	1994	0.51	0	8.37	0.6	0.62	0	-7.87	0	-0.6	0.1	8.28	0	14698.8	0
52	24	1994	0.25	0	7.52	0.11	0.16	0	-7.25	0	0.1	0.1	7.16	0	14699	0
53	24	1994	0.25	0	0	0.45	0	0	-0.2	0	-0.1	0.1	0	0	14699.4	-0.01
54	24	1994	5.59	0	0	0.74	0	0	4.86	0	-0.2	0.1	0	0	14700.1	0
55	24	1994	16	0	0	0.35	0	0	15.67	0	-0.2	0.1	0	0	14700.5	0
56	24	1994	0.76	0	0	0.3	0	0	0.49	0	-0.2	0.1	0	0	14700.8	-0.01
57	24	1994	3.56	0	0	0.25	0	0	3.33	0	-0.2	0.1	0	0	14701	0
58	24	1994	0.25	0	0	0.14	0	0	0.13	0	-0.2	0.1	0	0	14701.2	0
59	24	1994	0	0	0	0.08	0	0	-0.06	0	-0.2	0.1	0	0	14701.3	0
60	24	1994	0	0	0	0.05	0	0	-0.03	0	-0.2	0.1	0	0	14701.3	0
61	24	1994	1.27	0	0	0.27	0	0	1.02	0	-0.2	0.1	0	0	14701.6	0
62	24	1994	24.38	0	0	-0.03	0	0	24.43	0	-0.2	0.1	0	0	14701.6	0
63	24	1994	0	0	0	0.1	0	0	-0.08	0	-0.2	0.1	0	0	14701.7	0
64	24	1994	1.02	0	0	0.17	0	0	0.86	0	-0.1	0.1	0	0	14701.8	0
65	24	1994	2.54	0	0	0.18	0	0	2.37	0	-0.2	0.1	0	0	14702	0
66	24	1994	4.57	0	3.71	0.1	0.01	0	0.75	0	0.0	0.1	3.61	0	14702.1	0
67	24	1994	0.25	0	2.93	0.17	0	0	-2.86	0	0.3	0.1	2.48	0	14702.3	0
68	24	1994	12.95	0	0.42	0.13	0	0	12.39	0	0.1	0.1	0.2	0	14702.4	0
69	24	1994	15.49	0	0	0.04	0	0	15.45	0	-0.1	0.1	0	0	14702.5	0
70	24	1994	0	0	0	0.04	0	0	-0.05	0	-0.1	0.1	0	0	14702.5	0
71	24	1994	0	0	0	0.03	0	0	-0.06	0	-0.1	0.1	0	0	14702.5	0.03
72	24	1994	4.57	0	2.06	0.03	0.01	0	2.49	0	1.2	0.1	0.74	0	14702.6	0
73	24	1994	0.51	0	2.86	0.03	0	0	-2.4	0	2.5	0.1	0.26	0	14702.6	0
74	24	1994	7.62	0	13.2	-0.05	0	0	-5.53	0	4.2	0.1	8.87	0	14702.5	0
75	24	1994	2.29	0	1.94	0.49	0	0	-0.14	0	1.8	0.1	0.03	0	14703	0
76	24	1994	2.54	0	0	0.27	0	0	2.27	0	-0.1	0.1	0	0	14703.3	0
77	24	1994	5.59	0	0	0.13	0	0	5.45	0	-0.1	0.1	0	0	14703.4	0.01
78	24	1994	0.51	0	0	0.55	0	0	-0.05	0	-0.1	0.1	0	0	14704	0.01
79	24	1994	0	0	0	0.2	0	0	-0.19	0	-0.1	0.1	0	0	14704.2	0
80	24	1994	20.32	0	0	0.11	0	0	20.21	0	-0.1	0.1	0	0	14704.3	0
81	24	1994	2.03	0	7.14	-0.01	0	0	-5.1	0	5.3	0.1	1.77	0	14704.3	0
82	24	1994	0	0	7.32	-0.02	0.07	0	-7.23	0	6.9	0.1	0.24	0	14704.2	0
83	24	1994	0.25	0	12.23	0.03	0.19	0	-11.82	0	8.9	0.1	3.03	0	14704.3	0
84	24	1994	0	0	6.91	0.36	0	0	-7.27	0	6.8	0.1	0	0	14704.6	0
85	24	1994	0	0	9.98	0.13	0	0	-10.11	0	9.2	0.1	0.62	0	14704.8	0
86	24	1994	12.95	0	18.99	0.28	0.02	0	-6.3	0	12.9	0.1	5.91	0	14705	0
87	24	1994	2.29	0	8.69	0.29	0	0	-6.7	0	8.6	0.1	0	0	14705.3	0
88	24	1994	0.51	0	13.7	0.34	0.27	0	-13.27	0	13.2	0.1	0.13	0	14705.7	0
89	24	1994	6.1	0	13.92	0.51	0	0	-8.34	0	13.8	0.1	0	0	14706.2	0
90	24	1994	0	0	21.13	0.79	0.64	0	-21.28	0	18.6	0.1	1.72	0	14707	0
91	24	1994	0	0	22.64	0.9	0.86	0	-22.68	0	21.1	0.1	0.6	0	14707.9	0
92	24	1994	0	0	22.64	1.24	1.3	0	-22.59	0	21.2	0.1	0	0	14709.1	0
93	24	1994	8.64	0	18.34	1.12	0.3	0	-10.53	0	17.0	0.1	0.92	0	14710.2	0
94	24	1994	0	0	14.29	0.8	0.79	0	-14.29	0	13.4	0.1	0	0	14711.1	0
95	24	1994	0.51	0	14.03	1.21	1.03	0	-13.66	0	12.8	0.1	0	0	14712.3	0
96	24	1994	15.24	0	20.99	1.36	0.16	0	-6.65	0	17.0	0.1	3.39	0	14713.6	0
97	24	1994	7.11	0	0	2.08	0	0	0	0	4.9	0.1	0	0	14715.7	-0.02
98	24	1994	0	0	0	2.28	0.81	0	0	0	-2.4	0.1	0	0	14718	0
99	24	1994	0	0	0	2.67	1.35	0	0	0	-2.8	0.1	0	0	14720.6	-0.01
100	24	1994	1.27	0	0	2.32	0.82	0	0	0	-1.2	0.1	0	0	14723	-0.01
101	24	1994	0	0	0	2.93	1.04	0	0	0	-3.1	0.1	0	0	14725.9	0
102	24	1994	8.64	0	0	2.27	0.36	0	0	0	6.2	0.1	0	0	14728.2	0
103	24	1994	18.03	0	0	1.78	0.44	0	0	0	16.1	0.1	0	0	14729.9	0
104	24	1994	0.25	0	0	1.93	0.97	0	0	0	-1.8	0.2	0	0	14731.9	-0.02
105	24	1994	0	0	0	4.59	2.75	0	0	0	-4.7	0.2	0	0	14736.5	-0.03
106	24	1994	15.24	0	0	4.26	1.4	0	0	0	10.8	0.2	0	0	14740.7	-0.04
107	24	1994	0.25	0	0	2.69	0.82	0	0	0	-2.6	0.2	0	0	14743.4	-0.03
108	24	1994	0.51	0	0	4.48	1.59	0	0	0	-4.2	0.2	0	0	14747.9	-0.03
109	24	1994	0.51	0	0	3.1	1.55	0	0	0	-2.9	0.3	0	0	14751	-0.02
110	24	1994	0	0	0	4.13	1.25	0	0	0	-4.4	0.3	0	0	14755.1	-0.04
111	24	1994	0	0	0	2.58	0.87	0	0	0	-2.9	0.4	0	0	14757.7	-0.01
112	24	1994	0	0	0	3.53	1.09	0	0	0	-4.0	0.5	0	0	14761.2	-0.02
113	24	1994	0	0	0	4.17	1.77	0	0	0	-4.7	0.5	0	0	14765.4	-0.01
114	24	1994	1.02	0	0	6.17	2.75	0	0	0	-5.8	0.6	0	0	14771.6	-0.02
115	24	1994	2.54	0	0	1.67	0.3	0	0	0	0.2	0.7	0	0	14773.2	-0.01
116	24	1994	3.56	0	0	3.45	1.23	0	0	0	-0.7	0.8	0	0	14776.7	-0.03
117	24	1994	0	0	0	4.42	2.2	0	0	0	-5.3	0.9	0	0	14781.1	-0.04
118	24	1994	0	0	0	3.82	1.09	0	0	0	-4.8	1.0	0	0	14784.9	-0.02
119	24	1994	3.05	0	0	3.58	1.3	0	0	0	-1.6	1.1	0	0	14788.5	-0.02
120	24	1994	5.59	0	0	3.71	0.74	0	0	0	0.7	1.2	0	0	14792.2	-0.02
121	24	1994	10.16	0	0	2.99	0.75	0	0	0	5.9	1.3	0	0	14795.2	-0.03
122	24	1994	0	0	0	3.26	1.19	0	0	0	-4.6	1.3	0	0	14798.5	-0.03
123	24	1994	0	0	0	3.69	1.57	0	0	0	-5.1	1.4	0	0	14802.2	-0.01
124	24	1994	0	0	0	3.16	1.74	0	0	0	-4.6	1.4	0	0	14805.3	0.01
125	24	1994	0	0	0	4.51	2.16	0	0	0	-5.9	1.5	0	0	14809.8	-0.02
126	24	1994	9.65	0.07	0	1.89	0.05	0	0	0	6.2	1.5	0	0	14811.7	-0.01
127	24	1994	5.84	0	0	3.26	0.63	0	0	0	1.2	1.5	0	0	14815	-0.01
128	24	1994	7.87	0.17	0	1.67	0.05	0	0	0	4.5	1.5	0	0	14816.6	-0.01
129	24	1994	2.29	0	0	4.51	1.47	0	0	0	-3.6	1.5	0	0	14821.2	-0.01
130	24	1994	0	0	0	4.56	2.11	0	0	0	-6.1	1.5	0	0	14825.7	-0.02
131	24	1994	0	0	0	4.44	2.36	0	0	0	-5.9	1.5	0	0	14830.2	-0.02
132	24	1994	0.25	0	0	2.96	1.67	0	0	0	-4.2	1.5	0	0	14833.1	-0.02
133	24	1994	0	0	0	4.48	1.98	0	0	0	-6.0	1.5	0	0	14837.6	-0.02
134	24	1994	0	0	0	4.81	2.69	0	0	0	-6.3	1.5	0	0	14842.4	0
135	24	1994	3.3	0	0	2.03	0.07	0	0	0	-0.2	1.5	0	0	14844.4	-0.01
136	24	1994	4.57	0	0	2.09	0.11	0	0	0	1.0	1.5	0	0	14846.5	-0.02
137	24	1994	1.52	0	0	2.82	0.96	0	0	0	-2.7	1.5	0	0	14849.3	-0.02
138	24	1994	0.25	0	0	1.84	0.92	0	0	0	-3.0	1.4	0	0	14851.2	-0.02
139	24	1994	0	0	0	2.07	1.5	0	0	0	-3.5	1.4	0	0	14853.3	-0.02
140	24	1994	0	0	0	4.79	3	0	0	0	-6.2	1.4	0	0	14858	-0.02
141	24	1994	0	0	0	3.25	2.38	0	0	0	-4.6	1.4	0	0	14861.3	-0.02
142	24	1994	0	0	0	4.86	3.41	0	0	0	-6.2	1.4	0	0	14866.2	-0.02
143	24	1994	0	0	0	5.07	3.37	0	0	0	-6.4	1.4	0	0	14871.2	-0.01
144	24	1994	0.25	0	0	5.62	3.44	0	0	0	-6.7	1.3	0	0	14876.8	-0.02
145	24	1994	1.52	0	0	3.81	1.87	0	0	0	-3.6	1.3	0	0	14880.7	-0.01
146	24	1994	4.57	0	0	3.46	0.78	0	0	0	-0.2	1.3	0	0	14884.1	-0.02
147	24	1994	0	0	0	5.44	2.89	0	0	0	-6.7	1.3	0	0	14889.6	-0.02
148	24	1994	0.76	0	0	4.5	2.43	0	0	0	-5.0	1.3	0	0	14894.1	0
149	24	1994	1.52	0	0	5.54	3.17	0	0	0	-5.3	1.3	0	0	14899.6	-0.01
150	24	1994	0	0	0	6.54	4.83	0	0	0	-7.8	1.2	0	0	14906.1	-0.01
151	24	1994	22.61	0	0	6.3	3.39	0	0	0	15.1	1.2	0	0	14912.4	-0.01
152	24	1994	0.25	0	0	4.64	2.95	0	0	0	-5.5	1.2	0	0	14917.1	-0.03
153	24	1994	0.25	0	0	4.36	2.63	0	0	0	-5.3	1.2	0	0	14921.4	-0.02
154	24	1994	0	0	0	5.44	3.73	0	0	0	-6.6	1.2	0	0	14926.9	-0.01
155	24	1994	0	0	0	5.44	3.97	0	0	0	-6.6	1.1	0	0	14932.3	0
156	24	1994	0	0	0	4.63	3.57	0	0	0	-5.7	1.1	0	0	14936.9	-0.02
157	24	1994	0	0	0	4.42	3.48	0	0	0	-5.5	1.1	0	0	14941.4	-0.03
158	24	1994	0	0	0	3.02	2.31	0	0	0	-4.1	1.1	0	0	14944.4	-0.04
159	24	1994	0	0	0	4.99	3.23	0	0	0	-6.0	1.1	0	0	14949.4	-0.02
160	24	1994	0	0	0	5.79	4.07	0	0	0	-6.8	1.0	0	0	14955.2	-0.02
161	24	1994	0	0	0	5.56	4	0	0	0	-6.6	1.0	0	0	14960.7	-0.02
162	24	1994	0	0	0	3.86	2.9	0	0	0	-4.9	1.0	0	0	14964.6	-0.01
163	24	1994	0	0	0	4.69	3.5	0	0	0	-5.7	1.0	0	0	14969.3	-0.02
164	24	1994	5.08	0	0	6.3	2.61	0	0	0	-2.2	1.0	0	0	14975.6	-0.02
165	24	1994	1.27	0	0	4.22	2.41	0	0	0	-3.9	1.0	0	0	14979.8	-0.03
166	24	1994	0	0	0	4.42	3.19	0	0	0	-5.3	0.9	0	0	14984.2	-0.02
167	24	1994	0	0	0	3.63	2.85	0	0	0	-4.5	0.9	0	0	14987.8	-0.03
168	24	1994	0	0	0	3.99	2.75	0	0	0	-4.9	0.9	0	0	14991.8	-0.03
169	24	1994	0	0	0	2.7	2.31	0	0	0	-3.6	0.9	0	0	14994.5	-0.04
170	24	1994	0	0	0	1.57	1.59	0	0	0	-2.4	0.9	0	0	14996.1	-0.03
171	24	1994	0	0	0	1.79	1.51	0	0	0	-2.6	0.9	0	0	14997.9	-0.04
172	24	1994	0.51	0	0	1.5	1.22	0	0	0	-1.8	0.9	0	0	14999.4	0
173	24	1994	0	0	0	1.42	1.16	0	0	0	-2.2	0.8	0	0	15000.8	-0.03
174	24	1994	0	0	0	1.25	1.18	0	0	0	-2.1	0.8	0	0	15002.1	0
175	24	1994	17.02	0.58	0	2.29	0.08	0	0	0	13.3	0.8	0	0	15004.4	0
176	24	1994	4.57	0	0	5.32	1.51	0	0	0	-1.0	0.8	0	0	15009.7	0
177	24	1994	0	0	0	5.32	4.14	0	0	0	-6.1	0.8	0	0	15015	-0.03
178	24	1994	16.76	0.3	0	3.24	0.2	0	0	0	12.5	0.8	0	0	15018.2	-0.02
179	24	1994	1.78	0	0	4.46	2.22	0	0	0	-3.1	0.8	0	0	15022.7	-0.01
180	24	1994	12.95	0	0	6.35	2.67	0	0	0	5.9	0.7	0	0	15029	-0.03
181	24	1994	0	0	0	4.45	3.69	0	0	0	-5.1	0.7	0	0	15033.5	-0.04
182	24	1994	0	0	0	4.78	3.9	0	0	0	-5.5	0.7	0	0	15038.3	-0.04
183	24	1994	7.62	0	0	6.95	3.19	0	0	0	0.0	0.7	0	0	15045.2	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
184	24	1994	0	0	0	5.36	4.23	0	0	0	-6.0	0.7	0	0	15050.6	-0.06
185	24	1994	0	0	0	5.41	4.17	0	0	0	-6.1	0.7	0	0	15056	-0.04
186	24	1994	9.14	0	0	6.13	2.47	0	0	0	2.4	0.7	0	0	15062.1	-0.02
187	24	1994	0	0	0	5.22	4.24	0	0	0	-5.9	0.7	0	0	15067.3	-0.02
188	24	1994	3.3	0	0	5.11	1.79	0	0	0	-2.4	0.7	0	0	15072.5	-0.03
189	24	1994	0	0	0	4.56	3.43	0	0	0	-5.2	0.7	0	0	15077	-0.04
190	24	1994	24.64	0	0	6.61	2.81	0	0	0	17.4	0.6	0	0	15083.6	-0.04
191	24	1994	2.79	0	0	6.71	3.17	0	0	0	-4.5	0.6	0	0	15090.4	-0.03
192	24	1994	0	0	0	5.36	3.99	0	0	0	-5.9	0.6	0	0	15095.7	-0.04
193	24	1994	9.14	0	0	5.81	2.37	0	0	0	2.8	0.6	0	0	15101.5	-0.04
194	24	1994	0	0	0	5.46	4.21	0	0	0	-6.0	0.6	0	0	15107	-0.01
195	24	1994	1.27	0	0	4.89	2.67	0	0	0	-4.2	0.6	0	0	15111.9	-0.03
196	24	1994	0.51	0	0	3.98	2.73	0	0	0	-4.1	0.6	0	0	15115.8	0.01
197	24	1994	0	0	0	2.51	1.79	0	0	0	-3.0	0.6	0	0	15118.4	-0.04
198	24	1994	0	0	0	4.18	2.88	0	0	0	-4.7	0.6	0	0	15122.5	-0.03
199	24	1994	0.76	0	0	3.88	2.2	0	0	0	-3.7	0.6	0	0	15126.4	-0.02
200	24	1994	0	0	0	3.7	2.33	0	0	0	-4.2	0.6	0	0	15130.1	-0.03
201	24	1994	0	0	0	3.57	2.04	0	0	0	-4.1	0.5	0	0	15133.7	-0.03
202	24	1994	0	0	0	2.21	1.66	0	0	0	-2.7	0.5	0	0	15135.9	0
203	24	1994	0	0	0	1.3	1.27	0	0	0	-1.8	0.5	0	0	15137.2	-0.02
204	24	1994	0	0	0	1.12	1.02	0	0	0	-1.6	0.5	0	0	15138.3	-0.02
205	24	1994	0	0	0	1.34	1.06	0	0	0	-1.8	0.5	0	0	15139.7	-0.03
206	24	1994	2.54	0	0	2.77	0.59	0	0	0	-0.7	0.5	0	0	15142.4	-0.01
207	24	1994	1.27	0	0	2.2	0.69	0	0	0	-1.4	0.5	0	0	15144.6	-0.02
208	24	1994	0	0	0	1.1	0.79	0	0	0	-1.6	0.5	0	0	15145.7	-0.03
209	24	1994	3.56	0	0	2.25	0.12	0	0	0	0.8	0.5	0	0	15148	-0.02
210	24	1994	0	0	0	1.79	0.79	0	0	0	-2.2	0.5	0	0	15149.8	-0.03
211	24	1994	0.51	0	0	1.34	0.69	0	0	0	-1.3	0.5	0	0	15151.1	-0.01
212	24	1994	0	0	0	1.35	0.88	0	0	0	-1.8	0.5	0	0	15152.5	-0.04
213	24	1994	0	0	0	0.72	0.78	0	0	0	-1.2	0.5	0	0	15153.2	-0.02
214	24	1994	3.05	0	0	3.34	0.47	0	0	0	-0.7	0.5	0	0	15156.5	-0.03
215	24	1994	0	0	0	0.66	0.6	0	0	0	-1.1	0.5	0	0	15157.2	-0.01
216	24	1994	1.02	0	0	1.57	0.62	0	0	0	-1.0	0.4	0	0	15158.8	-0.01
217	24	1994	8.13	0	0	3.05	0.33	0	0	0	4.6	0.4	0	0	15161.8	0.05
218	24	1994	0	0	0	3.28	0.59	0	0	0	-3.7	0.4	0	0	15165.1	-0.03
219	24	1994	0	0	0	2.87	0.64	0	0	0	-3.3	0.4	0	0	15168	-0.02
220	24	1994	0	0	0	1.18	0.67	0	0	0	-1.6	0.4	0	0	15169.1	-0.01
221	24	1994	0.25	0	0	0.45	0.44	0	0	0	-0.6	0.4	0	0	15169.6	-0.01
222	24	1994	0	0	0	0.95	0.57	0	0	0	-1.3	0.4	0	0	15170.5	-0.03
223	24	1994	0	0	0	0.62	0.56	0	0	0	-1.0	0.4	0	0	15171.2	-0.01
224	24	1994	0	0	0	0.48	0.58	0	0	0	-0.9	0.4	0	0	15171.6	0
225	24	1994	19.3	0	0	3.75	0.97	0	0	0	15.2	0.4	0	0	15175.4	-0.01
226	24	1994	21.84	0	0	3.78	0.79	0	0	0	17.7	0.4	0	0	15179.2	-0.06
227	24	1994	0	0	0	3.43	1.32	0	0	0	-3.8	0.4	0	0	15182.6	-0.05
228	24	1994	0	0	0	4.16	1.55	0	0	0	-4.5	0.4	0	0	15186.8	-0.02
229	24	1994	5.33	0	0	3.42	0.81	0	0	0	1.6	0.4	0	0	15190.2	-0.03
230	24	1994	24.64	0	0	3.73	0.87	0	0	0	20.6	0.4	0	0	15193.9	-0.03
231	24	1994	0	0	0	3.91	1.12	0	0	0	-4.2	0.4	0	0	15197.8	-0.05
232	24	1994	0	0	0	5.05	1.28	0	0	0	-5.4	0.4	0	0	15202.9	-0.03
233	24	1994	20.83	0	0	2.75	0.39	0	0	0	17.8	0.4	0	0	15205.6	-0.03
234	24	1994	0	0	0	4.58	0.65	0	0	0	-4.9	0.4	0	0	15210.2	-0.04
235	24	1994	0	0	0	4	0.56	0	0	0	-4.3	0.4	0	0	15214.2	-0.01
236	24	1994	0	0	0	4.25	0.52	0	0	0	-4.6	0.4	0	0	15218.5	-0.02
237	24	1994	11.68	0	0	4.14	0.26	0	0	0	7.2	0.4	0	0	15222.6	-0.02
238	24	1994	0	0	0	3.23	0.19	0	0	0	-3.6	0.4	0	0	15225.8	0.01
239	24	1994	0	0	0	4.03	0.08	0	0	0	-4.4	0.3	0	0	15229.9	0.02
240	24	1994	13.72	0	0	4.71	0	0	0	0	8.7	0.3	0	0	15234.6	0
241	24	1994	0	0	0	4.03	0	0	0	0	-4.4	0.3	0	0	15238.6	0
242	24	1994	0	0	0	4.34	0	0	0	0	-4.7	0.3	0	0	15242.9	0
243	24	1994	2.03	0	0	1.82	0	0	0	0	-0.1	0.3	0	0	15244.8	0
244	24	1994	1.02	0	0	2.46	0	0	0	0	-1.8	0.3	0	0	15247.2	0
245	24	1994	0	0	0	3.65	0.01	0	0	0	-4.0	0.3	0	0	15250.9	0
246	24	1994	0	0	0	2.93	0.01	0	0	0	-3.3	0.3	0	0	15253.8	0.01
247	24	1994	0	0	0	3.66	0.01	0	0	0	-4.0	0.3	0	0	15257.5	0.01
248	24	1994	0	0	0	3.16	0.01	0	0	0	-3.5	0.3	0	0	15260.6	0.01
249	24	1994	0	0	0	3.86	0.02	0	0	0	-4.2	0.3	0	0	15264.5	0.01
250	24	1994	0.25	0	0	2.53	0.03	0	0	0	-2.6	0.3	0	0	15267	0.02
251	24	1994	0	0	0	0.67	0.1	0	0	0	-1.0	0.3	0	0	15267.7	0.02
252	24	1994	4.83	0	0	3.27	0.03	0	0	0	1.3	0.3	0	0	15271	0.01
253	24	1994	0	0	0	2.43	0.03	0	0	0	-2.7	0.3	0	0	15273.4	0
254	24	1994	0	0	0	0.74	0.04	0	0	0	-1.1	0.3	0	0	15274.1	0.01
255	24	1994	0	0	0	0.65	0.07	0	0	0	-1.0	0.3	0	0	15274.8	0.02
256	24	1994	2.79	0	0	2.78	0.05	0	0	0	-0.3	0.3	0	0	15277.6	0.03
257	24	1994	2.54	0	0	0.81	0.02	0	0	0	1.4	0.3	0	0	15278.4	0.01
258	24	1994	0	0	0	2.35	0.04	0	0	0	-2.7	0.3	0	0	15280.7	0.01
259	24	1994	0	0	0	1.83	0.12	0	0	0	-2.1	0.3	0	0	15282.6	0.01
260	24	1994	0.51	0	0	0.48	0.07	0	0	0	-0.3	0.3	0	0	15283	0.02
261	24	1994	0.51	0	0	1.41	0.08	0	0	0	-1.2	0.3	0	0	15284.4	0.02
262	24	1994	0	0	0	0.38	0.1	0	0	0	-0.7	0.3	0	0	15284.8	0.01
263	24	1994	0	0	0	0.72	0.16	0	0	0	-1.0	0.3	0	0	15285.5	0.02
264	24	1994	0	0	0	0.49	0.22	0	0	0	-0.8	0.3	0	0	15286	0
265	24	1994	0.25	0	0	0.53	0.17	0	0	0	-0.6	0.3	0	0	15286.6	0.01
266	24	1994	7.87	0	0	1.21	0.02	0	0	0	6.4	0.3	0	0	15287.8	0.01
267	24	1994	0	0	0	0.89	0.02	0	0	0	-1.2	0.3	0	0	15288.7	0.01
268	24	1994	0	0	0	1.72	0.05	0	0	0	-2.0	0.3	0	0	15290.4	0.01
269	24	1994	20.07	0	0	2.11	0.03	0	0	0	17.7	0.3	0	0	15292.5	0
270	24	1994	17.27	0	0	3.83	0.06	0	0	0	13.2	0.3	0	0	15296.3	0.02
271	24	1994	2.29	0	0	2.56	0.02	0	0	0	-0.5	0.3	0	0	15298.9	0
272	24	1994	1.52	0	0	3.11	0.02	0	0	0	-1.8	0.3	0	0	15302	-0.01
273	24	1994	0	0	0	3.77	0.05	0	0	0	-4.0	0.3	0	0	15305.8	0.01
274	24	1994	5.08	0.02	0	0.96	0	0	0	0	3.9	0.3	0	0	15306.7	0
275	24	1994	0	0	0	3.12	0.05	0	0	0	-3.3	0.2	0	0	15309.9	0
276	24	1994	0	0	0	2.53	0.05	0	0	0	-2.8	0.2	0	0	15312.4	0
277	24	1994	0	0	0	1.09	0.03	0	0	0	-1.3	0.2	0	0	15313.5	0.01
278	24	1994	0.76	0	0	1.69	0.03	0	0	0	-1.2	0.2	0	0	15315.2	0
279	24	1994	0	0	0	1.77	0.07	0	0	0	-2.0	0.2	0	0	15316.9	0
280	24	1994	0	0	0	2.53	0.12	0	0	0	-2.8	0.2	0	0	15319.5	0
281	24	1994	0	0	0	2.63	0.14	0	0	0	-2.9	0.2	0	0	15322.1	0
282	24	1994	2.03	0	0	2.24	0.06	0	0	0	-0.4	0.2	0	0	15324.3	0
283	24	1994	0.76	0	0	2.69	0.04	0	0	0	-2.2	0.2	0	0	15327	0.01
284	24	1994	0	0	0	2.44	0.07	0	0	0	-2.7	0.2	0	0	15329.5	0
285	24	1994	0	0	0	2.09	0.1	0	0	0	-2.3	0.2	0	0	15331.6	0
286	24	1994	0	0	0	2.31	0.11	0	0	0	-2.5	0.2	0	0	15333.9	0
287	24	1994	0	0	0	2.2	0.12	0	0	0	-2.4	0.2	0	0	15336.1	0
288	24	1994	0	0	0	2.2	0.11	0	0	0	-2.4	0.2	0	0	15338.3	0
289	24	1994	0	0	0	2.1	0.11	0	0	0	-2.3	0.2	0	0	15340.4	0
290	24	1994	0	0	0	1.81	0.12	0	0	0	-2.0	0.2	0	0	15342.2	0
291	24	1994	0.51	0	0	0.93	0.06	0	0	0	-0.6	0.2	0	0	15343.1	0
292	24	1994	2.29	0	0	0.79	0.02	0	0	0	1.3	0.2	0	0	15343.9	-0.01
293	24	1994	8.13	0	0	1	0.04	0	0	0	6.9	0.2	0	0	15344.9	0
294	24	1994	0	0	0	1.11	0.06	0	0	0	-1.3	0.2	0	0	15346	-0.01
295	24	1994	0	0	0	0.8	0.05	0	0	0	-1.0	0.2	0	0	15346.8	0
296	24	1994	0	0	0	1.49	0.1	0	0	0	-1.7	0.2	0	0	15348.3	-0.01
297	24	1994	0	0	0	2.23	0.13	0	0	0	-2.4	0.2	0	0	15350.5	-0.02
298	24	1994	0	0	0	1.95	0.07	0	0	0	-2.2	0.2	0	0	15352.5	0
299	24	1994	0	0	0	1.91	0.09	0	0	0	-2.1	0.2	0	0	15354.4	-0.01
300	24	1994	0	0	0	0.94	0.05	0	0	0	-1.1	0.2	0	0	15355.3	-0.01
301	24	1994	0	0	0	1.88	0.14	0	0	0	-2.1	0.2	0	0	15357.2	-0.01
302	24	1994	0	0	0	2.63	0.2	0	0	0	-2.8	0.2	0	0	15359.8	0
303	24	1994	0	0	0	1.57	0.16	0	0	0	-1.8	0.2	0	0	15361.4	-0.01
304	24	1994	0	0	0	0.98	0.1	0	0	0	-1.2	0.2	0	0	15362.4	0
305	24	1994	30.48	0	0	0.69	0.02	0	0	0	29.6	0.2	0	0	15363.1	-0.01
306	24	1994	12.7	0	0	2.56	0.04	0	0	0	10.0	0.2	0	0	15365.6	-0.02
307	24	1994	0	0	0	1.4	0.17	0	0	0	-1.6	0.2	0	0	15367	-0.02
308	24	1994	0	0	0	0.84	0.19	0	0	0	-1.0	0.2	0	0	15367.9	0
309	24	1994	4.57	0	0	0.74	0.06	0	0	0	3.7	0.2	0	0	15368.6	-0.01
310	24	1994	4.57	0	0	2.34	0.09	0	0	0	2.0	0.2	0	0	15371	0
311	24	1994	0.51	0	0	3.1	0.1	0	0	0	-2.8	0.2	0	0	15374.1	-0.01
312	24	1994	0	0	0	1.89	0.19	0	0	0	-2.1	0.2	0	0	15376	-0.01
313	24	1994	2.29	0	0	0.91	0.03	0	0	0	1.2	0.2	0	0	15376.9	0
314	24	1994	0	0	0	2.41	0.09	0	0	0	-2.6	0.2	0	0	15379.3	-0.01
315	24	1994	0	0	0	1.42	0.05	0	0	0	-1.6	0.2	0	0	15380.7	0
316	24	1994	0	0	0	1.1	0.15	0	0	0	-1.3	0.2	0	0	15381.8	0
317	24	1994	0	0	0	0.5	0.08	0	0	0	-0.7	0.2	0	0	15382.3	0
318	24	1994	0	0	0	1.22	0.19	0	0	0	-1.4	0.2	0	0	15383.5	-0.01
319	24	1994	0	0	0	1.46	0.12	0	0	0	-1.6	0.2	0	0	15385	-0.01
320	24	1994	0	0	0	0.93	0.07	0	0	0	-1.1	0.2	0	0	15385.9	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
321	24	1994	0	0	0	1.44	0.14	0	0	0	-1.6	0.2	0	0	15387.3	-0.01
322	24	1994	0.25	0	0	1.25	0.16	0	0	0	-1.2	0.2	0	0	15388.6	0
323	24	1994	0	0	0	2.06	0.11	0	0	0	-2.2	0.2	0	0	15390.7	0
324	24	1994	0	0	0	1.18	0.08	0	0	0	-1.3	0.2	0	0	15391.8	-0.01
325	24	1994	13.46	0	0	1.76	0.09	0	0	0	11.5	0.2	0	0	15393.6	0
326	24	1994	0	0	0	3.5	0.1	0	0	0	-3.7	0.2	0	0	15397.1	0
327	24	1994	3.56	0	0	1.62	0	0	3.05	0	-1.3	0.2	0	0	15398.7	-0.01
328	24	1994	0	0	0	0.33	0	0	-0.09	0	-0.4	0.2	0	0	15399	0
329	24	1994	0	0	2.56	0.51	0.11	0	-2.96	0	2.3	0.2	0	0	15399.5	0.01
330	24	1994	0	0	0	1.37	0	0	0	0	-1.5	0.2	0	0	15400.9	0
331	24	1994	1.52	0	0	0.39	0	0	1.46	0	-0.5	0.2	0	0	15401.3	-0.01
332	24	1994	13.97	0	15.31	-0.04	0.08	0	-1.46	0	9.6	0.2	5.72	0	15401.3	0
333	24	1994	0	0	0	1.56	0.06	0	0	0	-1.7	0.2	0	0	15402.8	0
334	24	1994	1.02	0	0	0.7	0	0	0	0	0.2	0.2	0	0	15403.5	-0.02
335	24	1994	0	0	0	0.89	0	0	0	0	-1.0	0.2	0	0	15404.4	-0.01
336	24	1994	0	0	0	1.85	0.21	0	0	0	-2.0	0.2	0	0	15406.3	-0.02
337	24	1994	0	0	0	0.29	0.09	0	0	0	-0.5	0.2	0	0	15406.6	0
338	24	1994	0	0	0	0.2	0.12	0	0	0	-0.4	0.2	0	0	15406.8	0
339	24	1994	26.67	0.06	0	0.22	0	0	0	0	26.2	0.2	0	0	15407	0
340	24	1994	2.79	0.08	0	0.51	0	0	0	0	2.1	0.2	0	0	15407.5	-0.01
341	24	1994	11.68	0	0.04	0.52	0	0	11.68	0	-0.6	0.2	0	0	15408	0
342	24	1994	0.51	0	0	0.04	0	0	0.69	0	-0.4	0.2	0	0	15408	0
343	24	1994	4.57	0	0	0.01	0	0	4.73	0	-0.3	0.2	0	0	15408.1	0
344	24	1994	4.06	0	0	-0.11	0	0	4.28	0	-0.3	0.2	0	0	15407.9	0
345	24	1994	4.57	0	0	0.2	0	0	4.45	0	-0.2	0.2	0	0	15408.1	0
346	24	1994	0	0	0	0	0	0	0.18	0	-0.3	0.2	0	0	15408.1	0
347	24	1994	0	0	0	-0.05	0	0	0.24	0	-0.3	0.2	0	0	15408.1	0
348	24	1994	0	0	0	0.02	0	0	0.05	0	-0.3	0.2	0	0	15408.1	0.03
349	24	1994	0	0	0.03	0.05	0	0	-0.05	0	-0.2	0.2	0	0	15408.2	0
350	24	1994	0	0	0.02	0.12	0	0	-0.06	0	-0.2	0.2	0	0	15408.3	0
351	24	1994	3.56	0	11.72	-0.13	0.01	0	-7.95	0	11.5	0.2	0	0	15408.2	0
352	24	1994	0.25	0	4.87	0	0	0	-4.54	0	4.6	0.2	0	0	15408.2	0
353	24	1994	0.51	0	0.97	0.12	0	0	-0.51	0	0.8	0.2	0	0	15408.3	0
354	24	1994	0	0	3.5	0.08	0	0	-3.5	0	3.3	0.2	0	0	15408.4	0
355	24	1994	0	0	1.78	0.15	0.15	0	-1.55	0	1.3	0.2	0	0	15408.5	0
356	24	1994	0	0	2.33	0.15	0.15	0	-2.08	0	1.8	0.2	0	0	15408.7	0
357	24	1994	0	0	1.73	0.09	0.07	0	-1.49	0	1.3	0.2	0	0	15408.7	0
358	24	1994	0	0	1.08	0.17	0	0	-1.09	0	0.8	0.2	0	0	15408.9	0
359	24	1994	0	0	1.46	0.34	0.04	0	-1.5	0	1.0	0.2	0	0	15409.2	0
360	24	1994	0	0	0.07	0.23	0	0	0	0	-0.4	0.1	0	0	15409.5	0
361	24	1994	0	0	0.03	0.17	0.05	0	0.18	0	-0.5	0.2	0.03	0	15409.7	0
362	24	1994	1.27	0	1.37	0.37	0	0	-0.32	0	-0.3	0.1	1.37	0	15410	-0.01
363	24	1994	0	0	0	0.78	0	0	-0.29	0	-0.6	0.1	0	0	15410.8	-0.01
364	24	1994	0	0	0	0.28	0	0	0.15	0	-0.6	0.1	0	0	15411.1	0
365	24	1994	3.56	0	0	0.31	0	0	3.45	0	-0.4	0.1	0	0	15411.4	0
1	24	1995	1.52	0.09	2.47	0.04	0	0	-1.11	0	-0.1	0.1	2.47	0	15411.4	0
2	24	1995	0	0	0	0.59	0	0	-0.28	0	-0.4	0.1	0	0	15412	-0.01
3	24	1995	0	0	0	0.58	0	0	-0.3	0	-0.4	0.1	0	0	15412.6	-0.01
4	24	1995	0.76	0	0	0.66	0	0	0.43	0	-0.5	0.1	0	0	15413.2	-0.01
5	24	1995	1.78	0	0	0.4	0	0	1.63	0	-0.4	0.1	0	0	15413.6	-0.01
6	24	1995	2.79	0	0	0.23	0	0	2.73	0	-0.3	0.1	0	0	15413.9	0
7	24	1995	3.56	0.04	0	0.07	0	0	3.48	0	-0.2	0.1	0	0	15413.9	0
8	24	1995	0	0	0	0.28	0	0	-0.16	0	-0.2	0.1	0	0	15414.2	0
9	24	1995	0.25	0	0	-0.01	0	0	0.41	0	-0.3	0.1	0	0	15414.2	0
10	24	1995	0.51	0	0	0.07	0	0	0.62	0	-0.3	0.1	0	0	15414.3	0
11	24	1995	0	0	0	0.13	0	0	0.02	0	-0.3	0.1	0	0	15414.4	0
12	24	1995	7.37	0	9.63	0.18	0.04	0	-2.47	0	0.1	0.1	9.43	0	15414.6	0
13	24	1995	0	0	8.42	0.01	0.19	0	-8.32	0	1.4	0.1	6.74	0	15414.6	0
14	24	1995	0	0	1.81	-0.73	0.25	0	-1.84	0	1.3	0.1	1.11	0	15413.9	-0.02
15	24	1995	9.91	0	0	-0.45	0.13	0	0	0	10.2	0.1	0	0	15413.4	0
16	24	1995	1.52	0	0	0.4	0.08	0	0	0	1.0	0.1	0	0	15413.8	-0.03
17	24	1995	0.25	0	0	0.51	0	0	0	0	-0.4	0.1	0	0	15414.3	-0.02
18	24	1995	0	0	0	0.57	0.1	0	0	0	-0.7	0.1	0	0	15414.9	-0.01
19	24	1995	0	0	0	0.6	0.14	0	0	0	-0.7	0.1	0	0	15415.5	-0.01
20	24	1995	6.86	0.05	0	0.64	0.01	0	0	0	6.0	0.1	0	0	15416.2	0
21	24	1995	2.29	0.06	0	0.68	0	0	0	0	1.5	0.1	0	0	15416.8	0
22	24	1995	1.02	0	0.15	0.68	0	0	0.7	0	-0.4	0.1	0	0	15417.5	0
23	24	1995	0.25	0	0	0.42	0	0	0.34	0	-0.6	0.1	0	0	15417.9	-0.01
24	24	1995	1.78	0	0	0.42	0	0	1.57	0	-0.4	0.1	0	0	15418.4	0
25	24	1995	0.51	0	0	0.29	0	0	0.47	0	-0.4	0.1	0	0	15418.7	-0.01
26	24	1995	1.52	0	0	0.44	0	0	1.43	0	-0.5	0.1	0	0	15419.1	-0.01
27	24	1995	1.27	0	0	0.29	0	0	1.33	0	-0.5	0.1	0	0	15419.4	-0.01
28	24	1995	0	0	0	0.06	0	0	0.39	0	-0.6	0.1	0	0	15419.5	0
29	24	1995	0	0	0	0.01	0	0	0.36	0	-0.5	0.1	0	0	15419.5	0
30	24	1995	0	0	0	0.07	0	0	0.16	0	-0.4	0.1	0	0	15419.5	0
31	24	1995	0	0	0.1	0.28	0	0	-0.3	0	-0.2	0.1	0.1	0	15419.8	0
32	24	1995	1.02	0	2.8	0.27	0	0	-2.03	0	-0.2	0.1	2.8	0	15420.1	0
33	24	1995	1.52	0	0	0.42	0	0	1.37	0	-0.4	0.1	0	0	15420.5	-0.01
34	24	1995	0	0	0	0.08	0	0	0.15	0	-0.4	0.1	0	0	15420.6	0
35	24	1995	6.35	0	0	0.26	0	0	6.21	0	-0.3	0.1	0	0	15420.8	0
36	24	1995	3.81	0	0	0.29	0	0	3.65	0	-0.3	0.1	0	0	15421.1	0
37	24	1995	5.84	0	0	0	0	0	5.94	0	-0.2	0.1	0	0	15421.1	0
38	24	1995	0	0	0	0.02	0	0	0.04	0	-0.2	0.1	0	0	15421.2	0
39	24	1995	2.29	0	0	0.01	0	0	2.34	0	-0.2	0.1	0	0	15421.2	0
40	24	1995	0.51	0	0	0.28	0	0	0.27	0	-0.2	0.1	0	0	15421.4	0.01
41	24	1995	0.76	0	0	0.17	0	0	0.62	0	-0.2	0.1	0	0	15421.6	0
42	24	1995	0	0	0	0.36	0	0	-0.28	0	-0.2	0.1	0	0	15422	0
43	24	1995	0.25	0	0	0.44	0	0	-0.03	0	-0.3	0.1	0	0	15422.4	0
44	24	1995	0	0	0	0.24	0	0	-0.1	0	-0.3	0.1	0	0	15422.7	0
45	24	1995	0	0	0	0.15	0	0	-0.01	0	-0.3	0.1	0	0	15422.8	0
46	24	1995	0.51	0	0	0.41	0	0	0.2	0	-0.2	0.1	0	0	15423.2	0
47	24	1995	0.25	0	0.38	0.22	0	0	-0.35	0	-0.1	0.1	0.38	0	15423.4	0
48	24	1995	0	0	0.27	0.14	0	0	-0.33	0	-0.2	0.1	0.27	0	15423.6	-0.01
49	24	1995	0	0	1.23	0.21	0.16	0	-1.19	0	-0.4	0.1	1.23	0	15423.8	0
50	24	1995	0	0	3.3	0.26	0.24	0	-3.26	0	-0.4	0.1	3.3	0	15424	0
51	24	1995	0	0	3.71	0.22	0.2	0	-3.71	0	-0.4	0.1	3.71	0	15424.3	0
52	24	1995	2.79	0	0.2	0.44	0	0	2.21	0	-0.2	0.2	0.2	0	15424.7	-0.01
53	24	1995	0	0	0	0.2	0	0	-0.09	0	-0.3	0.2	0	0	15424.9	0
54	24	1995	5.08	0	4.5	0.37	0	0	0.18	0	-0.1	0.2	4.5	0	15425.3	0.01
55	24	1995	2.03	0	0.07	0.76	0	0	1.26	0	-0.2	0.2	0.07	0	15426	-0.01
56	24	1995	2.54	0.09	0	0.29	0	0	2.23	0	-0.2	0.2	0	0	15426.3	0
57	24	1995	0	0	0	0.12	0	0	0.02	0	-0.2	0.2	0	0	15426.4	0
58	24	1995	12.7	0	0	0.26	0	0	12.45	0	-0.2	0.2	0	0	15426.7	0
59	24	1995	7.37	0	0	-0.01	0	0	7.38	0	-0.2	0.2	0	0	15426.7	0
60	24	1995	0	0	0	0.21	0	0	-0.2	0	-0.2	0.2	0	0	15426.9	0
61	24	1995	0	0	0	0.2	0	0	-0.18	0	-0.2	0.2	0	0	15427.1	0
62	24	1995	0	0	0	0.12	0	0	-0.09	0	-0.2	0.2	0	0	15427.2	0
63	24	1995	0	0	0.03	0.05	0	0	-0.06	0	-0.2	0.2	0.03	0	15427.3	0
64	24	1995	3.81	0	0.08	0.2	0.05	0	3.58	0	-0.2	0.2	0.08	0	15427.5	0
65	24	1995	1.02	0	5.39	0.04	0.11	0	-4.33	0	-0.2	0.2	5.32	0	15427.5	0
66	24	1995	0.76	0	25.09	-0.42	0.31	0	-23.62	0	-0.1	0.2	24.77	0	15427.1	0
67	24	1995	10.16	0	22.19	0.84	0.33	0	-12.5	0	-0.2	0.2	21.92	0	15427.9	-0.02
68	24	1995	1.78	0	0	1.01	0	0	1.02	0	-0.4	0.2	0	0	15428.9	-0.02
69	24	1995	0	0	0	0.25	0	0	-0.01	0	-0.4	0.2	0	0	15429.2	0
70	24	1995	0	0	1.48	0.32	0	0	-1.69	0	-0.3	0.2	1.48	0	15429.5	0
71	24	1995	0	0	2.67	0.71	0.69	0	-3.48	0	-0.6	0.2	3.25	0	15430.2	0
72	24	1995	0	0	0	0.72	0.69	0	0	0	-0.9	0.2	0	0	15431	0
73	24	1995	0	0	0	1.28	0.74	0	0	0	-1.4	0.2	0	0	15432.2	-0.01
74	24	1995	0	0	0	1.36	0.73	0	0	0	-1.5	0.2	0	0	15433.6	-0.02
75	24	1995	1.27	0	0	0.97	0.34	0	0	0	0.2	0.2	0	0	15434.6	-0.01
76	24	1995	3.81	0	0	1.34	0.07	0	0	0	2.3	0.2	0	0	15435.9	-0.03
77	24	1995	0	0	0	1.09	0.15	0	0	0	-1.2	0.2	0	0	15437	-0.01
78	24	1995	0	0	0	1.82	0.51	0	0	0	-2.0	0.2	0	0	15438.8	-0.01
79	24	1995	0	0	0	3.23	0.76	0	0	0	-3.4	0.2	0	0	15442	-0.01
80	24	1995	4.83	0	0	2	0.29	0	0	0	2.7	0.2	0	0	15444	-0.02
81	24	1995	1.02	0	0	1.8	0.18	0	0	0	-0.9	0.2	0	0	15445.8	-0.03
82	24	1995	0	0	0	0.99	0	0	0	0	-1.1	0.2	0	0	15446.8	-0.01
83	24	1995	0	0	0	2.24	0	0	0	0	-2.4	0.2	0	0	15449.1	-0.01
84	24	1995	0	0	0	3.01	0.41	0	0	0	-3.2	0.2	0	0	15452.1	-0.01
85	24	1995	0	0	0	2.67	0.48	0	0	0	-2.8	0.2	0	0	15454.8	0
86	24	1995	0	0	0	2.58	0.48	0	0	0	-2.7	0.2	0	0	15457.3	0
87	24	1995	0	0	0	2.77	0.63	0	0	0	-2.9	0.2	0	0	15460.1	-0.01
88	24	1995	0.25	0	0	3.09	0.75	0	0	0	-3.0	0.2	0	0	15463.2	-0.02
89	24	1995	4.57	0	0	1.48	0.13	0	0	0	2.9	0.2	0	0	15464.7	0
90	24	1995	0	0	0	1.59	0.22	0	0	0	-1.7	0.2	0	0	15466.3	-0.02
91	24	1995	0	0	0	2.77	0	0	0	0	-2.9	0.2	0	0	15469	0
92	24	1995	0	0	0	2.34	0.46	0	0	0	-2.5	0.2	0	0	15471.4	0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
93	24	1995	8.64	0	0	3.18	0.56	0	0	0	5.3	0.2	0	0	15474.5	-0.02
94	24	1995	2.79	0	1.23	2.08	0.3	0	0	0	0.6	0.2	0	0	15476.6	-0.01
95	24	1995	0.76	0	0.47	2.35	0	0	0	0	-2.2	0.2	0	0.47	15479	-0.03
96	24	1995	0.25	0	0.49	0.45	0	0	0	0	0.1	0.2	0	0	15479.4	0.01
97	24	1995	0	0	0	1.44	0	0	0	0	-1.6	0.2	0	0	15480.9	-0.01
98	24	1995	0	0	0	0.76	0.14	0	0	0	-0.9	0.2	0	0	15481.6	0
99	24	1995	6.1	0.12	2.76	0.45	0	0	2.92	0	2.5	0.2	0	0	15482.1	0
100	24	1995	0	0	2.24	1.29	0.37	0	-2.92	0	1.6	0.2	0	0	15483.4	0
101	24	1995	0	0	0	3.57	0.92	0	0	0	-3.7	0.2	0	0	15486.9	0
102	24	1995	14.48	0	0	1.49	0.32	0	0	0	12.8	0.2	0	0	15488.4	-0.01
103	24	1995	0.51	0	0	2.28	0.42	0	0	0	-1.9	0.2	0	0	15490.7	-0.04
104	24	1995	0	0	0	1.94	0.4	0	0	0	-2.1	0.2	0	0	15492.6	-0.02
105	24	1995	0	0	0	3.3	0.41	0	0	0	-3.4	0.2	0	0	15495.9	-0.02
106	24	1995	0	0	0	3.59	0.57	0	0	0	-3.7	0.2	0	0	15499.5	-0.01
107	24	1995	0	0	0	2.85	0.72	0	0	0	-3.0	0.2	0	0	15502.4	0
108	24	1995	0	0	0	3.57	0.97	0	0	0	-3.7	0.2	0	0	15506	-0.02
109	24	1995	0.51	0	0	3.63	0.92	0	0	0	-3.3	0.2	0	0	15509.6	-0.02
110	24	1995	0	0	0	2.96	0.73	0	0	0	-3.1	0.2	0	0	15512.5	-0.02
111	24	1995	1.78	0	0	3.37	0.7	0	0	0	-1.7	0.2	0	0	15515.9	-0.01
112	24	1995	0.25	0	0	3.35	0.75	0	0	0	-3.2	0.2	0	0	15519.3	-0.03
113	24	1995	0	0	0	3.22	0.58	0	0	0	-3.4	0.2	0	0	15522.5	-0.02
114	24	1995	0	0	0	3.41	0.74	0	0	0	-3.6	0.2	0	0	15525.9	-0.01
115	24	1995	0.51	0	0	3.67	0.93	0	0	0	-3.3	0.2	0	0	15529.6	-0.01
116	24	1995	0	0	0	4.01	1.02	0	0	0	-4.2	0.2	0	0	15533.6	-0.01
117	24	1995	7.87	0	0	4.14	1.15	0	0	0	3.6	0.2	0	0	15537.7	0
118	24	1995	3.3	0	0	3.71	0.73	0	0	0	-0.5	0.2	0	0	15541.4	-0.03
119	24	1995	0	0	0	2.47	0.74	0	0	0	-2.6	0.2	0	0	15543.9	-0.02
120	24	1995	0	0	0	2.68	0.68	0	0	0	-2.8	0.2	0	0	15546.6	-0.01
121	24	1995	0	0	0	2.19	0.79	0	0	0	-2.3	0.2	0	0	15548.8	-0.01
122	24	1995	0	0	0	4.03	1.19	0	0	0	-4.2	0.2	0	0	15552.8	-0.02
123	24	1995	0	0	0	4.34	1.27	0	0	0	-4.5	0.2	0	0	15557.1	-0.02
124	24	1995	0	0	0	4.55	1.34	0	0	0	-4.7	0.2	0	0	15561.7	-0.02
125	24	1995	0	0	0	3.06	1.53	0	0	0	-3.2	0.2	0	0	15564.7	0
126	24	1995	0	0	0	1.59	1.41	0	0	0	-1.7	0.2	0	0	15566.3	-0.01
127	24	1995	0	0	0	1.68	1.36	0	0	0	-1.8	0.2	0	0	15568	-0.01
128	24	1995	0	0	0	1.7	1.59	0	0	0	-1.8	0.2	0	0	15569.7	-0.01
129	24	1995	0	0	0	2.2	2.07	0	0	0	-2.3	0.2	0	0	15571.9	-0.01
130	24	1995	9.65	0	0	2.19	0.6	0	0	0	7.3	0.2	0	0	15574.1	-0.01
131	24	1995	7.87	0	0	1.91	0.26	0	0	0	5.8	0.2	0	0	15576	-0.03
132	24	1995	0	0	0	1.99	0.69	0	0	0	-2.1	0.2	0	0	15578	-0.03
133	24	1995	0	0	0	2.79	1.03	0	0	0	-2.9	0.2	0	0	15580.8	-0.01
134	24	1995	0	0	0	4.84	1.17	0	0	0	-5.0	0.2	0	0	15585.6	-0.03
135	24	1995	0	0	0	3.36	0.88	0	0	0	-3.5	0.2	0	0	15589	-0.02
136	24	1995	0	0	0	4.53	1.61	0	0	0	-4.7	0.2	0	0	15593.5	-0.02
137	24	1995	0	0	0	1.74	1.6	0	0	0	-1.9	0.2	0	0	15595.2	0
138	24	1995	0	0	0	1.56	1.29	0	0	0	-1.7	0.2	0	0	15596.8	-0.02
139	24	1995	0.25	0	0	2.18	1.79	0	0	0	-2.1	0.2	0	0	15599	-0.01
140	24	1995	0	0	0	1.77	1.66	0	0	0	-1.9	0.2	0	0	15600.8	-0.01
141	24	1995	0.51	0	0	2.72	2.17	0	0	0	-2.4	0.2	0	0	15603.5	0
142	24	1995	0	0	0	1.5	1.52	0	0	0	-1.6	0.2	0	0	15605	-0.02
143	24	1995	0	0	0	2.12	1.98	0	0	0	-2.3	0.2	0	0	15607.1	-0.01
144	24	1995	10.92	0	0	2.77	0.84	0	0	0	8.0	0.2	0	0	15609.9	-0.01
145	24	1995	0.25	0	0	3.69	0.95	0	0	0	-3.6	0.2	0	0	15613.6	-0.01
146	24	1995	0	0	0	4.9	1.27	0	0	0	-5.0	0.2	0	0	15618.5	-0.02
147	24	1995	0	0	0	3.39	1.45	0	0	0	-3.5	0.2	0	0	15621.9	-0.01
148	24	1995	11.43	0	0	2.93	0.76	0	0	0	8.4	0.2	0	0	15624.8	-0.02
149	24	1995	1.78	0	0	6.09	1.25	0	0	0	-4.5	0.2	0	0	15630.9	0
150	24	1995	0.51	0	0	4.03	0.94	0	0	0	-3.7	0.2	0	0	15634.9	-0.02
151	24	1995	0	0	0	3.89	1.63	0	0	0	-4.0	0.2	0	0	15638.8	-0.02
152	24	1995	0	0	0	1.65	1.55	0	0	0	-1.8	0.2	0	0	15640.4	-0.02
153	24	1995	19.05	0	0	3.87	1.18	0	0	0	15.0	0.2	0	0	15644.3	0
154	24	1995	0	0	0	5.18	1.48	0	0	0	-5.3	0.2	0	0	15649.5	-0.03
155	24	1995	0	0	0	5.59	1.31	0	0	0	-5.7	0.2	0	0	15655.1	-0.03
156	24	1995	0	0	0	4.39	1.62	0	0	0	-4.5	0.2	0	0	15659.5	-0.02
157	24	1995	0	0	0	1.73	1.73	0	0	0	-1.9	0.2	0	0	15661.2	-0.01
158	24	1995	0	0	0	1.41	1.49	0	0	0	-1.6	0.2	0	0	15662.6	-0.01
159	24	1995	0.25	0	0	0.84	0.64	0	0	0	-0.7	0.2	0	0	15663.4	-0.01
160	24	1995	0	0	0	1.65	1.12	0	0	0	-1.8	0.2	0	0	15665.1	-0.01
161	24	1995	0	0	0	0.42	0.77	0	0	0	-0.6	0.2	0	0	15665.5	-0.01
162	24	1995	1.02	0	0	1.95	0.94	0	0	0	-1.1	0.2	0	0	15667.5	-0.01
163	24	1995	1.27	0	0	1.54	0.39	0	0	0	-0.4	0.2	0	0	15669	-0.02
164	24	1995	0	0	0	1.34	0.8	0	0	0	-1.5	0.2	0	0	15670.3	-0.02
165	24	1995	0	0	0	0.74	0.77	0	0	0	-0.9	0.2	0	0	15671.1	-0.01
166	24	1995	0	0	0	0.92	0.75	0	0	0	-1.1	0.2	0	0	15672	-0.02
167	24	1995	0	0	0	0.79	0.74	0	0	0	-0.9	0.2	0	0	15672.8	-0.01
168	24	1995	0	0	0	0.72	0.72	0	0	0	-0.9	0.2	0	0	15673.5	-0.01
169	24	1995	0	0	0	0.63	0.7	0	0	0	-0.8	0.2	0	0	15674.1	-0.01
170	24	1995	0	0	0	0.65	0.73	0	0	0	-0.8	0.2	0	0	15674.8	0
171	24	1995	0	0	0	0.62	0.57	0	0	0	-0.7	0.2	0	0	15675.4	-0.02
172	24	1995	0	0	0	0.99	0.66	0	0	0	-1.1	0.2	0	0	15676.4	-0.01
173	24	1995	0	0	0	0.47	0.53	0	0	0	-0.6	0.2	0	0	15676.9	-0.01
174	24	1995	0	0	0	0.33	0.48	0	0	0	-0.5	0.2	0	0	15677.2	-0.01
175	24	1995	0	0	0	0.57	0.51	0	0	0	-0.7	0.2	0	0	15677.8	-0.01
176	24	1995	0	0	0	0.45	0.49	0	0	0	-0.6	0.2	0	0	15678.2	0
177	24	1995	0.25	0	0	0.76	0.52	0	0	0	-0.7	0.1	0	0	15679	-0.01
178	24	1995	0	0	0	0.38	0.36	0	0	0	-0.5	0.1	0	0	15679.4	-0.01
179	24	1995	0	0	0	0.53	0.39	0	0	0	-0.7	0.1	0	0	15679.9	-0.01
180	24	1995	0	0	0	0.49	0.51	0	0	0	-0.6	0.1	0	0	15680.4	-0.01
181	24	1995	3.56	0	0	3.3	0.33	0	0	0	0.1	0.1	0	0	15683.7	-0.01
182	24	1995	21.59	0	0	3.96	0.94	0	0	0	17.5	0.1	0	0	15687.6	-0.02
183	24	1995	0	0	0	5.47	1.58	0	0	0	-5.6	0.1	0	0	15693.1	-0.02
184	24	1995	0	0	0	5.39	1.49	0	0	0	-5.5	0.1	0	0	15698.5	0
185	24	1995	0	0	0	4.24	1.27	0	0	0	-4.4	0.1	0	0	15702.7	-0.01
186	24	1995	0	0	0	1.58	1.28	0	0	0	-1.7	0.1	0	0	15704.3	0
187	24	1995	3.56	0	0	4.01	0.81	0	0	0	-0.6	0.1	0	0	15708.3	-0.01
188	24	1995	0	0	0	1.27	0.84	0	0	0	-1.4	0.1	0	0	15709.6	-0.01
189	24	1995	0.25	0	0	0.43	0.34	0	0	0	-0.3	0.1	0	0	15710	-0.01
190	24	1995	0	0	0	0.86	0.54	0	0	0	-1.0	0.1	0	0	15710.9	-0.01
191	24	1995	0.76	0	0	1.58	0.7	0	0	0	-1.0	0.1	0	0	15712.5	0
192	24	1995	0	0	0	0.6	0.62	0	0	0	-0.7	0.1	0	0	15713.1	-0.01
193	24	1995	0	0	0	0.85	0.73	0	0	0	-1.0	0.1	0	0	15713.9	-0.01
194	24	1995	3.05	0	0	3.43	0.52	0	0	0	-0.5	0.1	0	0	15717.4	-0.01
195	24	1995	0	0	0	0.39	0.55	0	0	0	-0.5	0.1	0	0	15717.7	0
196	24	1995	1.78	0	0	2.23	0.46	0	0	0	-0.6	0.1	0	0	15720	-0.01
197	24	1995	0.25	0	0	0.84	0.48	0	0	0	-0.7	0.1	0	0	15720.8	-0.01
198	24	1995	11.43	0	0	3.97	1.12	0	0	0	7.3	0.1	0	0	15724.8	-0.01
199	24	1995	0	0	0	4.51	0.66	0	0	0	-4.6	0.1	0	0	15729.3	-0.03
200	24	1995	0	0	0	3.26	0.4	0	0	0	-3.4	0.1	0	0	15732.6	-0.02
201	24	1995	1.27	0	0	1.87	0.37	0	0	0	-0.7	0.1	0	0	15734.4	-0.01
202	24	1995	0.25	0	0	0.67	0.37	0	0	0	-0.5	0.1	0	0	15735.1	-0.01
203	24	1995	0	0	0	0.64	0.5	0	0	0	-0.8	0.1	0	0	15735.7	-0.01
204	24	1995	0.25	0	0	0.52	0.4	0	0	0	-0.4	0.1	0	0	15736.3	0
205	24	1995	1.78	0	0	1.91	0.29	0	0	0	-0.3	0.1	0	0	15738.2	0
206	24	1995	0.51	0	0	1.18	0.42	0	0	0	-0.8	0.1	0	0	15739.3	-0.01
207	24	1995	3.56	0	0	2.57	0.27	0	0	0	0.9	0.1	0	0	15741.9	0
208	24	1995	0	0	0	1.26	0.32	0	0	0	-1.4	0.1	0	0	15743.2	-0.01
209	24	1995	0	0	0	0.89	0.51	0	0	0	-1.0	0.1	0	0	15744.1	-0.01
210	24	1995	0	0	0	0.46	0.47	0	0	0	-0.6	0.1	0	0	15744.5	-0.01
211	24	1995	0	0	0	0.73	0.48	0	0	0	-0.8	0.1	0	0	15745.3	-0.02
212	24	1995	0	0	0	0.7	0.54	0	0	0	-0.8	0.1	0	0	15746	-0.01
213	24	1995	0	0	0	0.37	0.46	0	0	0	-0.5	0.1	0	0	15746.3	-0.01
214	24	1995	0	0	0	0.13	0.31	0	0	0	-0.3	0.1	0	0	15746.5	-0.01
215	24	1995	10.16	0	0	4.6	1.08	0	0	0	5.4	0.1	0	0	15751.1	0.01
216	24	1995	0.76	0	0	3.46	0.29	0	0	0	-2.8	0.1	0	0	15754.5	0
217	24	1995	8.64	0	0	2.45	0.2	0	0	0	6.1	0.1	0	0	15757	-0.02
218	24	1995	0	0	0	3.05	1.04	0	0	0	-3.2	0.1	0	0	15760	-0.02
219	24	1995	0	0	0	3.88	0.42	0	0	0	-4.0	0.1	0	0	15763.9	-0.03
220	24	1995	0	0	0	3	0.51	0	0	0	-3.1	0.1	0	0	15766.9	-0.02
221	24	1995	0	0	0	0.74	0.58	0	0	0	-0.8	0.1	0	0	15767.6	-0.02
222	24	1995	0	0	0	0.25	0.41	0	0	0	-0.4	0.1	0	0	15767.9	-0.01
223	24	1995	6.86	0	0	3.75	0.31	0	0	0	3.0	0.1	0	0	15771.6	0.01
224	24	1995	6.6	0	0	3.55	0.68	0	0	0	3.0	0.1	0	0	15775.2	-0.03
225	24	1995	0	0	0	3.79	0.49	0	0	0	-3.9	0.1	0	0	15779	-0.02
226	24	1995	0	0	0	2.52	0.41	0	0	0	-2.6	0.1	0	0	15781.5	0
227	24	1995	42.67	0	0	4.36	1.54	0	0	0	38.2	0.1	0	0	15785.9	-0.02
228	24	1995	0	0	0	4.85	2	0	0	0	-5.0	0.1	0	0	15790.7	-0.02
229	24	1995	0	0	0	5.08	2.13	0	0	0	-5.2	0.1	0	0	15795.8	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
230	24	1995	0	0	0	4.87	2.24	0	0	0	-5.0	0.1	0	0	15800.7	0
231	24	1995	0	0	0	4.99	2.12	0	0	0	-5.1	0.1	0	0	15805.7	-0.02
232	24	1995	0	0	0	4.59	2.06	0	0	0	-4.7	0.1	0	0	15810.2	-0.01
233	24	1995	0	0	0	5.25	2.39	0	0	0	-5.3	0.1	0	0	15815.5	-0.03
234	24	1995	0	0	0	2.72	1.97	0	0	0	-2.8	0.1	0	0	15818.2	-0.02
235	24	1995	0	0	0	2.01	1.89	0	0	0	-2.1	0.1	0	0	15820.2	-0.01
236	24	1995	0	0	0	1.35	1.42	0	0	0	-1.5	0.1	0	0	15821.6	0
237	24	1995	0	0	0	1.73	1.41	0	0	0	-1.8	0.1	0	0	15823.3	-0.01
238	24	1995	0	0	0	0.97	1.09	0	0	0	-1.1	0.1	0	0	15824.3	0
239	24	1995	0.25	0	0	0.48	0.54	0	0	0	-0.3	0.1	0	0	15824.7	-0.01
240	24	1995	0	0	0	1.35	0.91	0	0	0	-1.5	0.1	0	0	15826.1	-0.01
241	24	1995	0	0	0	0.89	0.91	0	0	0	-1.0	0.1	0	0	15827	0
242	24	1995	0	0	0	1.13	0.8	0	0	0	-1.2	0.1	0	0	15828.1	-0.01
243	24	1995	12.95	0	0	3.96	1.55	0	0	0	8.9	0.1	0	0	15832.1	0
244	24	1995	3.56	0	0	3.83	0.92	0	0	0	-0.4	0.1	0	0	15835.9	-0.03
245	24	1995	0	0	0	3.08	0.84	0	0	0	-3.2	0.1	0	0	15839	-0.02
246	24	1995	0	0	0	1.87	0.54	0	0	0	-2.0	0.1	0	0	15840.9	-0.01
247	24	1995	0	0	0	2.69	0.68	0	0	0	-2.8	0.1	0	0	15843.6	0
248	24	1995	0.25	0	0	2.47	0.66	0	0	0	-2.3	0.1	0	0	15846	-0.01
249	24	1995	0	0	0	0.84	0.67	0	0	0	-0.9	0.1	0	0	15846.9	0
250	24	1995	3.05	0	0	3.06	0.44	0	0	0	-0.1	0.1	0	0	15849.9	-0.02
251	24	1995	0.76	0	0	0.84	0.16	0	0	0	-0.2	0.1	0	0	15850.8	-0.01
252	24	1995	14.99	0	0	1.49	0.02	0	0	0	13.4	0.1	0	0	15852.3	-0.03
253	24	1995	0	0	0	3.14	1.09	0	0	0	-3.2	0.1	0	0	15855.4	-0.02
254	24	1995	0	0	0	3.24	1.2	0	0	0	-3.3	0.1	0	0	15858.6	-0.02
255	24	1995	0	0	0	2.86	0.95	0	0	0	-2.9	0.1	0	0	15861.5	-0.03
256	24	1995	21.59	0	0	3.67	1.02	0	0	0	17.8	0.1	0	0	15865.2	-0.01
257	24	1995	1.52	0	0	2.4	0.64	0	0	0	-0.9	0.1	0	0	15867.6	-0.03
258	24	1995	0	0	0	3.31	1.26	0	0	0	-3.4	0.1	0	0	15870.9	-0.01
259	24	1995	0	0	0	3	1.41	0	0	0	-3.1	0.1	0	0	15873.9	-0.03
260	24	1995	2.54	0	0	1.96	0.35	0	0	0	0.5	0.1	0	0	15875.8	-0.03
261	24	1995	0	0	0	3.18	1.18	0	0	0	-3.3	0.1	0	0	15879	-0.01
262	24	1995	0	0	0	2.75	1.26	0	0	0	-2.8	0.1	0	0	15881.8	-0.01
263	24	1995	1.52	0	0	2	0.6	0	0	0	-0.6	0.1	0	0	15883.8	0.01
264	24	1995	0	0	0	1.06	0.51	0	0	0	-1.1	0.1	0	0	15884.8	-0.02
265	24	1995	11.18	0	0	2.34	0.47	0	0	0	8.8	0.1	0	0	15887.2	-0.04
266	24	1995	0.25	0	0	2.45	0.88	0	0	0	-2.3	0.1	0	0	15889.6	-0.02
267	24	1995	0	0	0	2.35	1.02	0	0	0	-2.5	0.1	0	0	15892	-0.01
268	24	1995	0	0	0	1.3	0.63	0	0	0	-1.4	0.1	0	0	15893.3	-0.02
269	24	1995	3.05	0	0	2.69	0.64	0	0	0	0.3	0.1	0	0	15896	0
270	24	1995	0	0	0	2.75	1.32	0	0	0	-2.8	0.1	0	0	15898.7	-0.03
271	24	1995	0	0	0	2.68	1.11	0	0	0	-2.8	0.1	0	0	15901.4	-0.02
272	24	1995	0	0	0	2.91	1.33	0	0	0	-3.0	0.1	0	0	15904.3	-0.02
273	24	1995	0	0	0	2.47	1.14	0	0	0	-2.6	0.1	0	0	15906.8	-0.01
274	24	1995	0	0	0	2.2	1.11	0	0	0	-2.3	0.1	0	0	15909	-0.02
275	24	1995	0	0	0	1.89	1.06	0	0	0	-2.0	0.1	0	0	15910.9	-0.02
276	24	1995	0.76	0	0	1.11	0.49	0	0	0	-0.4	0.1	0	0	15912	-0.02
277	24	1995	7.11	0.71	0	0.59	0.06	0	0	0	5.7	0.1	0	0	15912.6	0.02
278	24	1995	26.42	0.18	0	1.67	0	0	0	0	25.2	0.1	0	0	15914.2	-0.01
279	24	1995	9.65	0	0	2.26	0.45	0	0	0	7.5	0.1	0	0	15916.5	-0.01
280	24	1995	5.33	0	0	1.97	0.15	0	0	0	3.3	0.1	0	0	15918.5	-0.01
281	24	1995	0	0	0	1.87	0.87	0	0	0	-1.9	0.1	0	0	15920.3	-0.03
282	24	1995	0	0	0	1.37	0.73	0	0	0	-1.4	0.1	0	0	15921.7	-0.03
283	24	1995	0	0	0	2.28	1.55	0	0	0	-2.3	0.1	0	0	15924	-0.03
284	24	1995	0	0	0	2.04	1.43	0	0	0	-2.1	0.1	0	0	15926	-0.03
285	24	1995	0	0	0	2.42	1.86	0	0	0	-2.5	0.1	0	0	15928.4	-0.03
286	24	1995	0	0	0	2.52	2.05	0	0	0	-2.6	0.1	0	0	15931	-0.02
287	24	1995	35.05	0.36	0	1.47	0.06	0	0	0	33.1	0.1	0	0	15932.4	0
288	24	1995	0	0	0	2.9	1.24	0	0	0	-2.6	0.1	0	0	15935.3	-0.04
289	24	1995	0.51	0	0	2.36	0.96	0	0	0	-1.9	0.1	0	0	15937.7	-0.03
290	24	1995	0	0	0	2.03	1.2	0	0	0	-2.1	0.1	0	0	15939.7	-0.01
291	24	1995	0	0	0	2.57	2.16	0	0	0	-2.7	0.1	0	0	15942.3	0
292	24	1995	0	0	0	1.72	1.44	0	0	0	-1.8	0.1	0	0	15944	-0.01
293	24	1995	0	0	0	2.22	1.76	0	0	0	-2.3	0.1	0	0	15946.2	-0.04
294	24	1995	75.69	0.58	0	1.49	0.06	0	0	0	73.6	0.1	0	0	15947.7	-0.02
295	24	1995	0	0	0	2.33	1	0	0	0	-1.8	0.1	0	0	15950	-0.02
296	24	1995	0	0	0	2.24	1.9	0	0	0	-2.3	0.1	0	0	15952.3	-0.02
297	24	1995	0.51	0	0	2.47	1.86	0	0	0	-2.0	0.1	0	0	15954.8	-0.02
298	24	1995	0	0	0	1.57	0.74	0	0	0	-1.6	0.1	0	0	15956.3	-0.03
299	24	1995	0	0	0	1.64	1.32	0	0	0	-1.7	0.1	0	0	15958	-0.02
300	24	1995	0	0	0	1.54	1.34	0	0	0	-1.6	0.1	0	0	15959.5	0
301	24	1995	0.76	0	0	1.85	1.02	0	0	0	-1.2	0.1	0	0	15961.4	-0.01
302	24	1995	4.57	0.4	0	2.31	0.05	0	0	0	1.8	0.1	0	0	15963.7	-0.02
303	24	1995	0	0	0	1.33	0.46	0	0	0	-1.0	0.1	0	0	15965	-0.02
304	24	1995	0.51	0	0	0.66	0	0	0	0	-0.2	0.1	0	0	15965.6	-0.02
305	24	1995	0.25	0	0	0.53	0.28	0	0	0	-0.4	0.1	0	0	15966.2	0.01
306	24	1995	4.06	0.62	0	1.42	0.06	0	0	0	1.9	0.1	0	0	15967.6	0.02
307	24	1995	12.19	0.1	0	2.29	0	0	0	0	10.3	0.1	0	0	15969.9	-0.01
308	24	1995	2.54	0	0	2.69	0	0	0	0	-0.1	0.1	0	0	15972.6	-0.03
309	24	1995	0	0	0	1.21	0.47	0	0	0	-1.3	0.1	0	0	15973.8	-0.04
310	24	1995	0	0	0	1.17	0.83	0	0	0	-1.2	0.1	0	0	15975	-0.01
311	24	1995	8.64	0.73	0	1.52	0	0	0	0	6.3	0.1	0	0	15976.5	0
312	24	1995	18.8	1.16	0	1.25	0	0	0	0	17.0	0.1	0	0	15977.7	0
313	24	1995	8.89	1.31	0	0.73	0	0	8.38	0	-0.4	0.1	0	0	15978.5	0
314	24	1995	0.51	0.28	2.46	1.32	0	0	-2.12	0	2.3	0.1	0	0	15979.8	0
315	24	1995	11.68	0	16.5	2.34	0.45	0	-6.26	0	15.8	0.1	0	0	15982.1	-0.04
316	24	1995	6.35	0.71	1.01	1.46	0	0	3.56	0	0.6	0.1	0	0	15983.6	-0.02
317	24	1995	6.35	1.25	1.92	0.61	0	0	3.51	0	1.6	0.1	0	0	15984.2	0
318	24	1995	24.13	1.44	25.35	0.48	0	0	-1.77	0	25.1	0.1	0	0	15984.7	0
319	24	1995	12.45	1.25	15.68	0.83	0	0	-3.68	0	15.4	0.1	0	0	15985.5	0
320	24	1995	0	0	1.22	1.46	0	0	-1.62	0	1.3	0.1	0	0	15987	0
321	24	1995	0	0	0	0.26	0	0	0	0	-0.3	0.1	0	0	15987.2	0
322	24	1995	3.81	1.43	0.64	0.57	0	0	1.32	0	0.4	0.1	0	0	15987.8	0
323	24	1995	0.51	1.48	1.14	0.33	0	0	-1.32	0	1.4	0.1	0	0	15988.1	0
324	24	1995	0	0.56	0	1.07	0	0	0	0	-0.2	0.1	0	0	15989.2	0
325	24	1995	0	0	0	0.97	0.22	0	0	0	-0.5	0.1	0	0	15990.2	-0.01
326	24	1995	0	0	0	0.53	0	0	0	0	-0.6	0.1	0	0	15990.7	-0.02
327	24	1995	0.51	0	0	0.75	0	0	0	0	-0.3	0.1	0	0	15991.4	-0.02
328	24	1995	0	0	0	0.56	0	0	0	0	-0.6	0.1	0	0	15992	0
329	24	1995	0	0	0	0.69	0	0	0	0	-0.8	0.1	0	0	15992.7	0
330	24	1995	1.02	0.15	0	0.49	0	0	0	0	0.0	0.1	0.24	0	15993.2	0
331	24	1995	0	0	0	0.52	0.35	0	0	0	-0.4	0.1	0	0	15993.7	-0.01
332	24	1995	0	0	0	0.89	0.79	0	0	0	-0.9	0.1	0	0	15994.6	-0.02
333	24	1995	0	0	0	0.59	0	0	0	0	-0.7	0.1	0	0	15995.2	-0.01
334	24	1995	0	0	0	0.51	0	0	0	0	-0.6	0.1	0	0	15995.7	0
335	24	1995	6.6	0.5	0	1.47	0	0	0	0	-0.2	0.1	4.71	0	15997.2	0.02
336	24	1995	0	0	0	1.15	0	0	0	0	-0.7	0.1	0	0	15998.3	0
337	24	1995	3.81	0.81	0	1.18	0	0	0	0	-0.2	0.1	1.93	0	15999.5	0.01
338	24	1995	0.51	0	0.2	1.3	0	0	0	0	-0.3	0.1	0	0.2	16000.8	-0.01
339	24	1995	1.52	0	0	1.22	0	0	0.85	0	-0.4	0.1	0	0	16002	-0.01
340	24	1995	0	0	0	0.12	0	0	-0.03	0	-0.2	0.1	0	0	16002.1	0
341	24	1995	0	0	0	0.31	0	0	0.12	0	-0.5	0.1	0	0	16002.5	-0.01
342	24	1995	1.78	0.43	0	0.69	0	0	1.01	0	-0.4	0.1	0	0	16003.1	0
343	24	1995	1.52	0.3	0	1.11	0	0	0.79	0	-0.3	0.1	0	0	16004.3	0
344	24	1995	0	0	0	0.52	0	0	0.15	0	-0.5	0.1	0	0	16004.8	0
345	24	1995	3.3	0.65	0	1.18	0	0	1.73	0	-0.4	0.1	0	0	16006	0
346	24	1995	0.51	0	0	1.04	0	0	0.37	0	-0.3	0.1	0	0	16007	0
347	24	1995	0	0	0	0.03	0	0	0.27	0	-0.4	0.1	0	0	16007	0
348	24	1995	9.65	0.7	0	0.69	0	0	8.39	0	-0.2	0.1	0	0	16007.7	0
349	24	1995	0.51	0.71	0.05	0.24	0	0	0.17	0	0.0	0.1	0.04	0	16008	0
350	24	1995	1.02	0.94	0.24	0.33	0	0	0.2	0	0.1	0.1	0.04	0	16008.3	0
351	24	1995	0	0.43	0	0.54	0	0	0.03	0	-0.1	0.1	0	0	16008.8	0
352	24	1995	0	0	0	0.45	0	0	0.15	0	-0.3	0.1	0	0	16009.3	-0.01
353	24	1995	7.37	0.84	0	0.41	0	0	6.26	0	-0.2	0.1	0	0	16009.7	0
354	24	1995	3.81	0.79	0	0.31	0	0	3.61	0	-0.2	0.1	0	0	16010	0
355	24	1995	1.52	0.65	0	0.49	0	0	1.21	0	-0.1	0.1	0	0	16010.5	0
356	24	1995	0.76	0.55	0	0.41	0	0	0.5	0	-0.1	0.1	0	0	16010.9	0
357	24	1995	1.02	0.72	0	0.3	0	0	0.59	0	-0.1	0.1	0	0	16011.2	0
358	24	1995	2.03	0.97	0	0.36	0	0	1.48	0	-0.2	0.1	0	0	16011.6	0
359	24	1995	1.02	0.94	0	0.32	0	0	0.77	0	-0.2	0.1	0	0	16011.9	0
360	24	1995	2.54	0.71	0	0.56	0	0	2.27	0	-0.2	0.1	0	0	16012.4	0
361	24	1995	0.51	0.55	0	0.4	0	0	0.34	0	-0.2	0.1	0	0	16012.8	0
362	24	1995	0.76	0.46	0	0.43	0	0	0.47	0	-0.2	0.1	0	0	16013.3	0
363	24	1995	0	0	0	0.52	0	0	-0.01	0	-0.2	0.1	0	0	16013.8	0
364	24	1995	0	0	0	0.03	0	0	0.03	0	-0.2	0.1	0	0	16013.8	-0.01
365	24	1995	0	0	0.07	0.02	0	0	-0.09	0	-0.1	0.1	0.07	0	16013.8	0
1	24	1996	2.29	0.77	0	0.29	0	0	1.25	0	-0.1	0.1	0	0	16014.1	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
2	24	1996	1.27	0.91	0	0.43	0	0	0.79	0	-0.2	0.1	0	0	16014.6	0
3	24	1996	16.76	0.06	0	0.06	0	0	17.65	0	-0.2	0.1	0	0	16014.6	0
4	24	1996	0	0	0	0.06	0	0	0.03	0	-0.2	0.1	0	0	16014.7	0
5	24	1996	1.27	0	0	0.21	0	0	1.1	0	-0.2	0.1	0	0	16014.9	0
6	24	1996	0	0	0	0	0	0	0.05	0	-0.2	0.1	0	0	16014.9	0
7	24	1996	0	0	0	0.02	0	0	0.04	0	-0.2	0.1	0	0	16014.9	0
8	24	1996	0	0	0	0.05	0	0	0.01	0	-0.2	0.1	0	0	16015	0
9	24	1996	3.3	0.21	0	0.5	0	0	2.63	0	-0.2	0.1	0	0	16015.5	0
10	24	1996	3.05	0.43	0	0.22	0	0	2.65	0	-0.2	0.1	0	0	16015.7	0
11	24	1996	0	0.15	0	0.28	0	0	0.06	0	-0.2	0.1	0	0	16016	0
12	24	1996	0.25	0	0	0.24	0	0	0.22	0	-0.2	0.1	0	0	16016.2	0
13	24	1996	0.25	0	0	0.15	0	0	0.14	0	-0.2	0.1	0	0	16016.4	0
14	24	1996	0	0	0.05	0.25	0.27	0	-0.03	0	-0.4	0.1	0.05	0	16016.6	0
15	24	1996	0.25	0	0	0.2	0	0	0.11	0	-0.2	0.1	0	0	16016.8	-0.01
16	24	1996	0	0	0	0.14	0	0	-0.08	0	-0.2	0.1	0	0	16017	0
17	24	1996	1.78	0.01	3.45	0.54	0.02	0	-2.22	0	-0.1	0.1	3.45	0	16017.5	0
18	24	1996	0	0	10.49	0.25	0.53	0	-10.23	0	-0.6	0.2	10.48	0	16017.7	-0.01
19	24	1996	29.21	0	36.21	1.64	0.57	0	-8.07	0	-0.5	0.1	36.02	0	16019.4	-0.01
20	24	1996	0	0	0.27	0.15	0	0	-0.34	0	-0.1	0.1	0.13	0	16019.5	-0.01
21	24	1996	0.51	0	0	0.32	0	0	0.26	0	-0.2	0.2	0	0	16019.9	0
22	24	1996	0	0	0.31	0.25	0.23	0	-0.28	0	-0.4	0.2	0.31	0	16020.1	-0.01
23	24	1996	2.03	0.39	0.9	0.57	0	0	0.15	0	-0.1	0.2	0.9	0	16020.7	0
24	24	1996	12.45	0.31	12.78	0.99	0	0	-1.26	0	-0.1	0.2	12.78	0	16021.7	0
25	24	1996	0.25	0	0	0.63	0	0	0.02	0	-0.2	0.2	0	0	16022.3	-0.01
26	24	1996	2.54	0	0	1.23	0	0	1.36	0	-0.2	0.2	0	0	16023.5	0
27	24	1996	5.33	0	6.03	1.77	0.5	0	-1.99	0	-0.6	0.2	6.03	0	16025.3	-0.01
28	24	1996	1.27	0	0	0.77	0	0	0.57	0	-0.2	0.2	0	0	16026.1	-0.01
29	24	1996	0.51	0	0	0.36	0	0	0.19	0	-0.2	0.2	0	0	16026.4	0
30	24	1996	0	0	0.06	0.13	0	0	-0.15	0	-0.2	0.2	0.06	0	16026.6	-0.01
31	24	1996	0.51	0	0	0.42	0	0	0.16	0	-0.2	0.2	0	0	16027	-0.01
32	24	1996	0	0	0	0.15	0	0	-0.08	0	-0.2	0.2	0	0	16027.1	0
33	24	1996	0	0	0	0.23	0	0	-0.16	0	-0.2	0.2	0	0	16027.4	0
34	24	1996	0	0	0	0.17	0	0	-0.09	0	-0.2	0.2	0	0	16027.5	0
35	24	1996	0	0	0	0.18	0	0	-0.11	0	-0.2	0.2	0	0	16027.7	0
36	24	1996	0	0	0	0.19	0	0	-0.13	0	-0.2	0.2	0	0	16027.9	0
37	24	1996	0.25	0	0	0.28	0	0	0.02	0	-0.2	0.2	0	0	16028.2	0
38	24	1996	0	0	0	0.06	0	0	-0.04	0	-0.2	0.2	0	0	16028.2	0
39	24	1996	5.59	0.12	3.6	1.18	0	0	0.64	0	-0.1	0.2	3.6	0	16029.4	0
40	24	1996	1.78	0	1.05	1.01	0.01	0	-0.17	0	0.1	0.2	0.81	0	16030.4	-0.01
41	24	1996	0.51	0	0.77	0.3	0	0	-0.57	0	0.0	0.2	0.6	0	16030.7	0
42	24	1996	2.03	0	0.11	1.1	0	0	0.84	0	-0.1	0.2	0.06	0	16031.8	-0.02
43	24	1996	1.27	0	0	1	0	0	0.35	0	-0.2	0.2	0	0	16032.8	-0.01
44	24	1996	1.27	0	0	0.77	0	0	0.54	0	-0.2	0.2	0	0	16033.6	0
45	24	1996	0.51	0	0	0.3	0	0	0.23	0	-0.2	0.2	0	0	16033.9	0
46	24	1996	0	0	0	0.05	0	0	-0.03	0	-0.2	0.2	0	0	16033.9	0
47	24	1996	0	0	0	0.07	0	0	-0.05	0	-0.2	0.2	0	0	16034	0
48	24	1996	0	0	0	0.13	0	0	-0.1	0	-0.2	0.2	0	0	16034.1	0
49	24	1996	1.52	0	0	0.83	0	0	0.72	0	-0.2	0.2	0	0	16034.9	0
50	24	1996	0	0	0	0.07	0	0	-0.06	0	-0.2	0.2	0	0	16035	0
51	24	1996	0.76	0	0.03	0.56	0.24	0	0.37	0	-0.4	0.2	0.03	0	16035.6	0.07
52	24	1996	2.54	0.9	3.52	0.35	0.04	0	-2.23	0	-0.1	0.2	3.43	0	16035.9	0
53	24	1996	0.76	0.97	0.33	0.31	0	0	0.04	0	0.0	0.2	0.18	0	16036.2	0
54	24	1996	0	0.4	3.09	0.54	0	0	-3.07	0	0.2	0.2	2.76	0	16036.8	0
55	24	1996	2.54	0	8.39	2.07	0.42	0	-7.1	0	3.0	0.2	4.82	0	16038.9	0
56	24	1996	0	0	3.8	1.65	1.52	0	-3.92	0	1.1	0.2	1	0	16040.5	0
57	24	1996	0	0	2.9	0.51	0.38	0	-3	0	0.3	0.2	2.06	0	16041	0.01
58	24	1996	2.54	0.6	2.04	0.8	0	0	-0.88	0	0.0	0.2	1.89	0	16041.8	0
59	24	1996	7.37	0.07	0.36	1.43	0	0	6.14	0	0.0	0.2	0.18	0	16043.2	0
60	24	1996	0.51	0	0	0.68	0	0	-0.03	0	-0.2	0.2	0	0	16043.9	-0.01
61	24	1996	0	0	0.08	0.18	0	0	-0.23	0	-0.2	0.2	0.08	0	16044.1	0
62	24	1996	1.52	0	0.83	1.32	0.49	0	-0.14	0	-0.7	0.2	0.83	0	16045.4	0
63	24	1996	2.03	0	0.22	1.45	0	0	0.41	0	-0.2	0.2	0.22	0	16046.9	-0.01
64	24	1996	0	0	0	0.5	0	0	-0.42	0	-0.2	0.2	0	0	16047.4	-0.01
65	24	1996	13.72	0.63	0	0.46	0	0	12.65	0	-0.2	0.2	0	0	16047.8	0
66	24	1996	0.25	0.01	0	0.75	0	0	0.13	0	-0.2	0.2	0	0	16048.6	0
67	24	1996	6.35	0.5	0	0.41	0	0	5.47	0	-0.2	0.2	0	0	16049	0
68	24	1996	3.56	0.31	0	0.68	0	0	3.09	0	-0.2	0.2	0	0	16049.7	0
69	24	1996	2.54	0.15	0	0.7	0	0	2.01	0	-0.2	0.2	0	0	16050.4	0
70	24	1996	0	0	0	0.28	0	0	-0.12	0	-0.2	0.2	0	0	16050.7	0
71	24	1996	0	0	0.11	0.01	0	0	-0.12	0	-0.2	0.2	0.11	0	16050.7	0
72	24	1996	0	0	0.46	0.31	0.3	0	-0.46	0	-0.5	0.2	0.46	0	16051	0
73	24	1996	0	0	0.49	0.47	0.43	0	-0.53	0	-0.6	0.2	0.49	0	16051.5	0
74	24	1996	1.02	0	3.26	1.32	0.88	0	-2.7	0	-1.0	0.2	3.26	0	16052.8	0
75	24	1996	0	0	1.59	0.33	0.32	0	-1.6	0	-0.5	0.2	1.57	0	16053.1	-0.01
76	24	1996	0	0	5.78	0.33	0	0	-6.08	0	-0.2	0.2	5.75	0	16053.4	0
77	24	1996	0	0	4.49	0.73	0.62	0	-4.59	0	-0.6	0.2	4.32	0	16054.2	0
78	24	1996	0	0	6.24	1.13	1.11	0	-6.25	0	-0.5	0.2	5.47	0	16055.3	0
79	24	1996	0	0	5.3	1.6	1.5	0	-5.38	0	-0.4	0.2	3.98	0	16056.9	-0.01
80	24	1996	3.3	0	5.63	1.38	0.02	0	-3.69	0	0.4	0.2	5.1	0	16058.3	0
81	24	1996	4.06	0.84	2.38	0.53	0	0	0.33	0	-0.1	0.2	2.25	0	16058.8	0
82	24	1996	0.76	0	2.4	1.43	0	0	-2.16	0	-0.1	0.2	2.28	0	16060.2	0
83	24	1996	0.51	0	0.96	0.55	0	0	-0.93	0	-0.1	0.2	0.87	0	16060.8	0
84	24	1996	0	0	6.65	0.48	0.36	0	-6.71	0	-0.4	0.2	6.44	0	16061.3	0
85	24	1996	4.57	0	8.89	2.79	1.44	0	-6.42	0	0.1	0.2	7.9	0	16064.1	0
86	24	1996	0	0	0	0.92	0	0	0	0	-1.1	0.2	0	0	16065	0
87	24	1996	0	0	0	1.23	0	0	0	0	-1.4	0.2	0	0	16066.2	0
88	24	1996	0	0	0	1.3	0.75	0	0	0	-1.5	0.2	0	0	16067.5	0
89	24	1996	0	0	0	0.72	0.64	0	0	0	-0.9	0.2	0	0	16068.2	0.01
90	24	1996	0	0	0	1.8	1.26	0	0	0	-2.0	0.2	0	0	16070	-0.01
91	24	1996	0	0	0	2.09	1.74	0	0	0	-2.2	0.2	0	0	16072.1	-0.01
92	24	1996	4.06	0.18	0	1.27	0	0	0	0	2.4	0.2	0	0	16073.4	0.01
93	24	1996	0	0	0	1.76	0.62	0	0	0	-1.7	0.2	0	0	16075.2	-0.01
94	24	1996	0	0	0	1.2	0.41	0	0	0	-1.4	0.2	0	0	16076.4	0
95	24	1996	0	0	0	0.77	0	0	0	0	-0.9	0.2	0	0	16077.1	0.01
96	24	1996	0	0	0	1.43	0.38	0	0	0	-1.6	0.2	0	0	16078.6	0
97	24	1996	0	0	0	2.06	0.95	0	0	0	-2.2	0.2	0	0	16080.6	0
98	24	1996	8.89	0.71	0	0.86	0	0	0	0	7.2	0.2	0	0	16081.5	0.01
99	24	1996	0.25	0	0.13	1.59	0	0	0	0	-0.8	0.2	0	0	16083.1	0
100	24	1996	0	0	0	1.65	0.68	0	0	0	-1.8	0.2	0	0	16084.7	0
101	24	1996	0	0	0	1.3	0.54	0	0	0	-1.4	0.2	0	0	16086	-0.01
102	24	1996	0.51	0	0	2.59	1.54	0	0	0	-2.2	0.2	0	0	16088.6	-0.01
103	24	1996	2.03	0.13	0	1.05	0.06	0	0	0	0.7	0.2	0	0	16089.7	0.01
104	24	1996	19.05	0.03	0	1.94	0	0	0	0	17.1	0.2	0	0	16091.6	-0.01
105	24	1996	4.32	0.32	0	1.44	0	0	0	0	2.5	0.2	0	0	16093	0
106	24	1996	1.78	0	0	3.84	1.44	0	0	0	-1.9	0.2	0	0	16096.9	-0.01
107	24	1996	10.67	0.14	0	1.59	0	0	0	0	8.8	0.2	0	0	16098.5	0.01
108	24	1996	2.03	0	0	2.44	0.42	0	0	0	-0.4	0.2	0	0	16100.9	-0.01
109	24	1996	0	0	0	3.67	2.02	0	0	0	-3.8	0.2	0	0	16104.6	-0.01
110	24	1996	0	0	0	2.59	2.17	0	0	0	-2.7	0.2	0	0	16107.2	0
111	24	1996	3.05	0	0	3.36	1.29	0	0	0	-0.5	0.2	0	0	16110.5	0
112	24	1996	0	0	0	2.78	1.59	0	0	0	-2.9	0.2	0	0	16113.3	-0.03
113	24	1996	6.6	0	0	3.23	1.2	0	0	0	3.2	0.2	0	0	16116.5	-0.02
114	24	1996	10.41	0.38	0	1.44	0.02	0	0	0	8.5	0.2	0	0	16118	-0.03
115	24	1996	4.06	0	0	4.02	0.65	0	0	0	0.3	0.2	0	0	16122	-0.02
116	24	1996	0	0	0	3.12	1.91	0	0	0	-3.3	0.2	0	0	16125.1	-0.01
117	24	1996	6.6	0	0	2.63	0.84	0	0	0	3.8	0.2	0	0	16127.7	-0.02
118	24	1996	0	0	0	3.17	1.09	0	0	0	-3.3	0.2	0	0	16130.9	-0.03
119	24	1996	0	0	0	3.71	1.7	0	0	0	-3.8	0.2	0	0	16134.6	-0.01
120	24	1996	7.37	0	0	1.97	0.07	0	0	0	5.3	0.2	0	0	16136.6	0
121	24	1996	17.02	0	0	2.36	0.85	0	0	0	14.5	0.2	0	0	16138.9	0.01
122	24	1996	0	0	0	4.36	2.16	0	0	0	-4.5	0.2	0	0	16143.3	-0.04
123	24	1996	0	0	0	4.16	2.04	0	0	0	-4.3	0.2	0	0	16147.5	0
124	24	1996	0.76	0	0	1.95	0.99	0	0	0	-1.3	0.2	0	0	16149.4	-0.01
125	24	1996	5.59	0.47	0	1.14	0.04	0	0	0	3.8	0.2	0	0	16150.5	0
126	24	1996	0	0	0	3.27	1.39	0	0	0	-3.0	0.2	0	0	16153.8	0
127	24	1996	3.56	0	0	3.57	0.78	0	0	0	-0.1	0.2	0	0	16157.4	-0.02
128	24	1996	0	0	0	4.84	2.28	0	0	0	-5.0	0.2	0	0	16162.2	-0.02
129	24	1996	0	0	0	3.74	1.97	0	0	0	-3.9	0.2	0	0	16166	0
130	24	1996	7.37	0	0	2.16	0.34	0	0	0	5.1	0.2	0	0	16168.1	-0.01
131	24	1996	13.46	0	0	3.28	1.38	0	0	0	10.1	0.2	0	0	16171.4	-0.03
132	24	1996	18.03	0	0	2.34	0.39	0	0	0	15.6	0.2	0	0	16173.7	-0.03
133	24	1996	10.67	0	0	2.98	0.32	0	0	0	7.6	0.2	0	0	16176.7	-0.02
134	24	1996	0	0	0	4.25	1.64	0	0	0	-4.4	0.2	0	0	16181	-0.03
135	24	1996	0	0	0	4.09	1.97	0	0	0	-4.3	0.2	0	0	16185.1	0
136	24	1996	0	0	0	5.19	2.59	0	0	0	-5.3	0.2	0	0	16190.3	-0.01
137	24	1996	0	0	0	1.7	0.92	0	0	0	-1.9	0.2	0	0	16192	0.01
138	24	1996	0	0	0	3.9	2.04	0	0	0	-4.1	0.2	0	0	16195.9	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
139	24	1996	1.02	0	0	4.39	2.04	0	0	0	-3.5	0.2	0	0	16200.2	-0.01
140	24	1996	0	0	0	4.7	2.86	0	0	0	-4.9	0.2	0	0	16204.9	0.01
141	24	1996	0	0	0	5.86	3.38	0	0	0	-6.0	0.2	0	0	16210.8	-0.03
142	24	1996	9.65	0	0	3.62	0.92	0	0	0	5.9	0.2	0	0	16214.4	-0.03
143	24	1996	0	0	0	5.51	2.58	0	0	0	-5.7	0.2	0	0	16219.9	-0.02
144	24	1996	6.6	0	0	4.23	1.28	0	0	0	2.2	0.2	0	0	16224.2	0
145	24	1996	0	0	0	5.11	1.94	0	0	0	-5.3	0.2	0	0	16229.3	-0.02
146	24	1996	0	0	0	4.97	2.01	0	0	0	-5.1	0.2	0	0	16234.3	-0.01
147	24	1996	0	0	0	4.68	2.1	0	0	0	-4.9	0.2	0	0	16238.9	-0.01
148	24	1996	0	0	0	4.85	2.36	0	0	0	-5.0	0.2	0	0	16243.8	-0.01
149	24	1996	0	0	0	4.58	2.25	0	0	0	-4.8	0.2	0	0	16248.4	0
150	24	1996	0	0	0	4.64	1.99	0	0	0	-4.8	0.2	0	0	16253	-0.02
151	24	1996	0	0	0	5.06	2.01	0	0	0	-5.2	0.2	0	0	16258.1	0
152	24	1996	0	0	0	5.57	2.57	0	0	0	-5.7	0.2	0	0	16263.6	-0.01
153	24	1996	0	0	0	5.3	2.57	0	0	0	-5.5	0.2	0	0	16268.9	-0.01
154	24	1996	0	0	0	6.27	3.18	0	0	0	-6.4	0.2	0	0	16275.2	0
155	24	1996	0	0	0	4.96	2.93	0	0	0	-5.1	0.2	0	0	16280.2	-0.01
156	24	1996	10.41	0	0	4.39	1.6	0	0	0	5.9	0.2	0	0	16284.6	-0.01
157	24	1996	0	0	0	5.18	2.06	0	0	0	-5.4	0.2	0	0	16289.7	-0.02
158	24	1996	2.29	0	0	5.46	1.89	0	0	0	-3.4	0.2	0	0	16295.2	-0.01
159	24	1996	13.97	0	0	4.11	1.31	0	0	0	9.7	0.2	0	0	16299.3	0
160	24	1996	0.51	0	0	3.11	1.58	0	0	0	-2.8	0.2	0	0	16302.4	-0.01
161	24	1996	10.16	0	0	3.52	1.2	0	0	0	6.5	0.2	0	0	16305.9	-0.03
162	24	1996	4.06	0	0	4.29	1.56	0	0	0	-0.4	0.2	0	0	16310.2	-0.01
163	24	1996	0.25	0	0	4.88	2.49	0	0	0	-4.8	0.2	0	0	16315.1	-0.02
164	24	1996	0	0	0	4.72	2.23	0	0	0	-4.9	0.2	0	0	16319.8	-0.01
165	24	1996	0.51	0	0	4.17	1.83	0	0	0	-3.9	0.2	0	0	16324	-0.01
166	24	1996	0	0	0	4.79	2.2	0	0	0	-5.0	0.2	0	0	16328.8	-0.02
167	24	1996	0	0	0	5.89	2.69	0	0	0	-6.1	0.2	0	0	16334.7	-0.02
168	24	1996	0	0	0	4.71	2.5	0	0	0	-4.9	0.2	0	0	16339.4	-0.01
169	24	1996	0	0	0	3.44	3.09	0	0	0	-3.6	0.2	0	0	16342.8	-0.01
170	24	1996	0	0	0	2.51	2.47	0	0	0	-2.7	0.2	0	0	16345.3	-0.01
171	24	1996	20.07	0	0	2.98	0.84	0	0	0	16.9	0.2	0	0	16348.3	-0.01
172	24	1996	0	0	0	3.73	1.63	0	0	0	-3.9	0.2	0	0	16352.1	-0.02
173	24	1996	0.25	0	0	4.17	1.82	0	0	0	-4.1	0.2	0	0	16356.2	-0.03
174	24	1996	0.51	0	0	4.4	2.04	0	0	0	-4.1	0.2	0	0	16360.6	-0.03
175	24	1996	0	0	0	3.66	1.73	0	0	0	-3.9	0.2	0	0	16364.3	-0.03
176	24	1996	1.78	0	0	4.16	1.32	0	0	0	-2.6	0.2	0	0	16368.4	0
177	24	1996	0.76	0	0	3.72	1.41	0	0	0	-3.2	0.2	0	0	16372.2	-0.02
178	24	1996	0	0	0	4.35	2.18	0	0	0	-4.6	0.2	0	0	16376.5	-0.01
179	24	1996	8.38	0	0	4.27	1.4	0	0	0	3.9	0.2	0	0	16380.8	-0.01
180	24	1996	3.05	0	0	5.13	1.42	0	0	0	-2.3	0.2	0	0	16385.9	-0.01
181	24	1996	0.25	0	0	5.14	1.94	0	0	0	-5.1	0.2	0	0	16391.1	-0.01
182	24	1996	0.25	0	0	3.45	1.84	0	0	0	-3.4	0.2	0	0	16394.5	-0.02
183	24	1996	0	0	0	3.17	2.32	0	0	0	-3.4	0.2	0	0	16397.7	-0.02
184	24	1996	4.32	0	0	4.92	1.41	0	0	0	-0.8	0.2	0	0	16402.6	-0.01
185	24	1996	14.99	0	0	3.01	0.56	0	0	0	11.8	0.2	0	0	16405.6	0
186	24	1996	11.18	0	0	2.91	0.56	0	0	0	8.1	0.2	0	0	16408.5	-0.03
187	24	1996	0	0	0	6.33	3.15	0	0	0	-6.5	0.2	0	0	16414.8	-0.03
188	24	1996	0	0	0	3.99	2.38	0	0	0	-4.2	0.2	0	0	16418.8	0
189	24	1996	0.51	0	0	5.71	2.7	0	0	0	-5.4	0.2	0	0	16424.5	-0.02
190	24	1996	0.25	0	0	5.35	2.49	0	0	0	-5.3	0.2	0	0	16429.9	-0.01
191	24	1996	0	0	0	3.73	2.09	0	0	0	-3.9	0.2	0	0	16433.6	-0.02
192	24	1996	0	0	0	2.25	1.96	0	0	0	-2.5	0.2	0	0	16435.9	-0.01
193	24	1996	0	0	0	2.15	1.99	0	0	0	-2.4	0.2	0	0	16438	-0.01
194	24	1996	0	0	0	1.5	1.55	0	0	0	-1.7	0.2	0	0	16439.5	-0.01
195	24	1996	0	0	0	1.01	1.19	0	0	0	-1.2	0.2	0	0	16440.5	0
196	24	1996	0	0	0	1.39	1.25	0	0	0	-1.6	0.2	0	0	16441.9	-0.01
197	24	1996	26.67	0	0	4.88	1.66	0	0	0	21.6	0.2	0	0	16446.8	-0.01
198	24	1996	0	0	0	6.11	3.77	0	0	0	-6.3	0.2	0	0	16452.9	-0.02
199	24	1996	0	0	0	5.54	3.17	0	0	0	-5.8	0.2	0	0	16458.4	0
200	24	1996	0	0	0	4.66	2.53	0	0	0	-4.9	0.2	0	0	16463.1	-0.02
201	24	1996	28.45	0	0	3.92	1.1	0	0	0	24.3	0.2	0	0	16467	-0.03
202	24	1996	0	0	0	6.07	3.52	0	0	0	-6.3	0.2	0	0	16473.1	-0.04
203	24	1996	0	0	0	5.88	3.57	0	0	0	-6.1	0.2	0	0	16479	0
204	24	1996	0	0	0	5.29	3.36	0	0	0	-5.5	0.2	0	0	16484.3	-0.01
205	24	1996	0	0	0	4.23	2.69	0	0	0	-4.4	0.2	0	0	16488.5	-0.01
206	24	1996	0	0	0	4.17	2.69	0	0	0	-4.4	0.2	0	0	16492.7	-0.02
207	24	1996	1.27	0	0	3.29	1.71	0	0	0	-2.2	0.2	0	0	16496	-0.02
208	24	1996	0	0	0	4.22	2.19	0	0	0	-4.4	0.2	0	0	16500.2	-0.02
209	24	1996	0.25	0	0	3.09	1.76	0	0	0	-3.0	0.2	0	0	16503.3	-0.02
210	24	1996	0	0	0	2	1.64	0	0	0	-2.2	0.2	0	0	16505.3	-0.02
211	24	1996	0	0	0	0.75	0.96	0	0	0	-1.0	0.2	0	0	16506	-0.01
212	24	1996	4.32	0	0	3.47	0.55	0	0	0	0.6	0.2	0	0	16509.5	0
213	24	1996	15.49	0	0	2.8	0.34	0	0	0	12.5	0.2	0	0	16512.3	-0.01
214	24	1996	1.02	0	0	4.23	2.24	0	0	0	-3.4	0.2	0	0	16516.5	-0.04
215	24	1996	0	0	0	3.69	2.43	0	0	0	-3.9	0.2	0	0	16520.2	-0.05
216	24	1996	0	0	0	2.91	1.76	0	0	0	-3.1	0.2	0	0	16523.1	-0.04
217	24	1996	0	0	0	3.01	1.62	0	0	0	-3.2	0.2	0	0	16526.1	-0.03
218	24	1996	0	0	0	2.6	1.32	0	0	0	-2.8	0.2	0	0	16528.7	-0.04
219	24	1996	0	0	0	2.38	1.16	0	0	0	-2.6	0.2	0	0	16531.1	-0.04
220	24	1996	0	0	0	1.93	1.05	0	0	0	-2.1	0.2	0	0	16533	-0.04
221	24	1996	18.03	0	0	3.45	0.72	0	0	0	14.4	0.2	0	0	16536.5	-0.01
222	24	1996	10.41	0	0	4.73	1.34	0	0	0	5.5	0.2	0	0	16541.2	-0.04
223	24	1996	0	0	0	4.89	3.32	0	0	0	-5.1	0.2	0	0	16546.1	-0.04
224	24	1996	0	0	0	4.21	3.08	0	0	0	-4.4	0.2	0	0	16550.3	-0.03
225	24	1996	0	0	0	2.72	1.96	0	0	0	-2.9	0.2	0	0	16553	-0.03
226	24	1996	0	0	0	1.95	1.6	0	0	0	-2.1	0.2	0	0	16555	-0.02
227	24	1996	0	0	0	2.69	1.79	0	0	0	-2.9	0.2	0	0	16557.7	-0.01
228	24	1996	6.1	0	0	4.68	1.28	0	0	0	1.3	0.2	0	0	16562.3	-0.03
229	24	1996	1.52	0	0	3.1	1.16	0	0	0	-1.7	0.2	0	0	16565.4	-0.03
230	24	1996	5.84	0	0	3.48	0.31	0	0	0	2.2	0.2	0	0	16568.9	-0.06
231	24	1996	0	0	0	3.05	2.09	0	0	0	-3.2	0.2	0	0	16572	-0.05
232	24	1996	0	0	0	2.34	1.51	0	0	0	-2.5	0.2	0	0	16574.3	-0.03
233	24	1996	0	0	0	1.54	1	0	0	0	-1.7	0.2	0	0	16575.9	-0.03
234	24	1996	0	0	0	1.77	0.96	0	0	0	-1.9	0.2	0	0	16577.6	-0.03
235	24	1996	0	0	0	1.87	0.96	0	0	0	-2.0	0.2	0	0	16579.5	-0.04
236	24	1996	0.51	0	0	1.82	0.69	0	0	0	-1.5	0.2	0	0	16581.3	-0.02
237	24	1996	0	0	0	1.56	0.7	0	0	0	-1.7	0.2	0	0	16582.9	-0.05
238	24	1996	0	0	0	1.55	0.76	0	0	0	-1.7	0.2	0	0	16584.4	-0.04
239	24	1996	0	0	0	1.03	0.7	0	0	0	-1.2	0.2	0	0	16585.5	-0.01
240	24	1996	0	0	0	0.02	0.33	0	0	0	-0.2	0.2	0	0	16585.5	-0.01
241	24	1996	0	0	0	0.5	0.44	0	0	0	-0.6	0.2	0	0	16586	-0.05
242	24	1996	0	0	0	0.68	0.48	0	0	0	-0.8	0.2	0	0	16586.7	-0.04
243	24	1996	0	0	0	0.7	0.47	0	0	0	-0.9	0.2	0	0	16587.4	-0.04
244	24	1996	0	0	0	0.81	0.57	0	0	0	-1.0	0.2	0	0	16588.2	-0.03
245	24	1996	0	0	0	0.65	0.55	0	0	0	-0.8	0.2	0	0	16588.8	-0.02
246	24	1996	0	0	0	0.45	0.49	0	0	0	-0.6	0.2	0	0	16589.3	-0.03
247	24	1996	0	0	0	0.67	0.51	0	0	0	-0.8	0.2	0	0	16589.9	-0.03
248	24	1996	0	0	0	0.1	0.36	0	0	0	-0.3	0.2	0	0	16590	-0.02
249	24	1996	4.57	0.9	0	1.67	0.04	0	0	0	1.8	0.2	0	0	16591.7	0
250	24	1996	0	0	0	1.71	0.34	0	0	0	-1.0	0.2	0	0	16593.4	-0.02
251	24	1996	1.27	0	0	1.7	0.25	0	0	0	-0.6	0.2	0	0	16595.1	-0.04
252	24	1996	19.81	0	0	2.96	0.04	0	0	0	16.7	0.2	0	0	16598.1	-0.02
253	24	1996	0	0	0	2.34	1.95	0	0	0	-2.5	0.2	0	0	16600.4	-0.02
254	24	1996	1.78	0	0	2.78	1.02	0	0	0	-1.1	0.2	0	0	16603.2	-0.05
255	24	1996	0	0	0	1.91	1.58	0	0	0	-2.0	0.2	0	0	16605.1	-0.06
256	24	1996	5.84	0	0	3.76	0.69	0	0	0	2.0	0.2	0	0	16608.8	-0.03
257	24	1996	11.94	0.51	0	2.55	0.07	0	0	0	8.7	0.2	0	0	16611.4	-0.04
258	24	1996	0	0	0	2.36	1.28	0	0	0	-2.0	0.2	0	0	16613.8	-0.03
259	24	1996	2.54	0	0	2.43	0.18	0	0	0	-0.1	0.2	0	0	16616.2	0
260	24	1996	0	0	0	2.18	1.77	0	0	0	-2.3	0.2	0	0	16618.4	-0.01
261	24	1996	9.4	0.96	0	1.75	0.08	0	0	0	6.5	0.2	0	0	16620.1	0
262	24	1996	0	0	0	3.08	1.54	0	0	0	-2.3	0.2	0	0	16623.2	-0.01
263	24	1996	0	0	0	3.74	2.64	0	0	0	-3.9	0.2	0	0	16626.9	-0.03
264	24	1996	0	0	0	2.99	2.34	0	0	0	-3.1	0.2	0	0	16629.9	-0.01
265	24	1996	0	0	0	2.28	1.89	0	0	0	-2.4	0.2	0	0	16632.2	-0.03
266	24	1996	28.45	1.16	0	1.36	0.1	0	0	0	25.8	0.2	0	0	16633.6	-0.02
267	24	1996	0.25	0	0	2.79	0.69	0	0	0	-1.5	0.2	0	0	16636.4	-0.02
268	24	1996	1.78	0	0	2.2	0.46	0	0	0	-0.5	0.2	0	0	16638.6	-0.04
269	24	1996	0.76	0	0	1.55	0.62	0	0	0	-0.9	0.2	0	0	16640.1	-0.03
270	24	1996	0	0	0	2.01	1.46	0	0	0	-2.1	0.2	0	0	16642.1	-0.05
271	24	1996	2.54	0	0	2.5	0.76	0	0	0	-0.2	0.2	0	0	16644.6	0.03
272	24	1996	20.32	0	0	2.93	0.71	0	0	0	17.3	0.2	0	0	16647.5	-0.02
273	24	1996	0	0	0	3.14	2.06	0	0	0	-3.3	0.2	0	0	16650.7	-0.03
274	24	1996	0	0	0	2.89	1.79	0	0	0	-3.0	0.2	0	0	16653.6	-0.02
275	24	1996	0	0	0	2.59	2.17	0	0	0	-2.7	0.2	0	0	16656.2	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
276	24	1996	2.54	0	0	2.67	0.86	0	0	0	-0.3	0.2	0	0	16658.8	-0.04
277	24	1996	0.25	0	0	2.97	1.37	0	0	0	-2.8	0.2	0	0	16661.8	-0.03
278	24	1996	0	0	0	1.88	0.96	0	0	0	-2.0	0.2	0	0	16663.7	-0.01
279	24	1996	0	0	0	1.9	1.16	0	0	0	-2.0	0.2	0	0	16665.6	-0.02
280	24	1996	0	0	0	2.68	1.81	0	0	0	-2.8	0.2	0	0	16668.3	-0.01
281	24	1996	0	0	0	2.05	1.61	0	0	0	-2.2	0.2	0	0	16670.3	-0.03
282	24	1996	0	0	0	1.1	0.74	0	0	0	-1.2	0.2	0	0	16671.4	-0.01
283	24	1996	0.51	0	0	1.11	0.48	0	0	0	-0.7	0.2	0	0	16672.5	-0.03
284	24	1996	8.89	0.53	0	1.2	0.02	0	0	0	7.1	0.2	0	0	16673.7	-0.03
285	24	1996	0	0	0	1.97	0.53	0	0	0	-1.6	0.1	0	0	16675.7	0
286	24	1996	0	0	0	1.12	0.73	0	0	0	-1.3	0.1	0	0	16676.8	-0.02
287	24	1996	0	0	0	1.45	1.02	0	0	0	-1.6	0.1	0	0	16678.3	0.01
288	24	1996	5.08	0	0	2.46	0.53	0	0	0	2.5	0.1	0	0	16680.7	-0.05
289	24	1996	0	0	0	1.8	0.68	0	0	0	-1.9	0.1	0	0	16682.5	-0.01
290	24	1996	3.3	0	0	1.13	0.07	0	0	0	2.0	0.1	0	0	16683.7	-0.01
291	24	1996	0	0	0	0.66	0.42	0	0	0	-0.8	0.1	0	0	16684.3	-0.02
292	24	1996	0.25	0	0	2.9	0.9	0	0	0	-2.7	0.1	0	0	16687.2	-0.05
293	24	1996	15.24	0	0	1.61	0.06	0	0	0	13.5	0.1	0	0	16688.8	-0.04
294	24	1996	3.05	0	0	1.34	0.09	0	0	0	1.6	0.1	0	0	16690.2	-0.01
295	24	1996	0.25	0	0	1.08	0.24	0	0	0	-0.9	0.1	0	0	16691.3	-0.05
296	24	1996	0.51	0	0	1.04	0.16	0	0	0	-0.6	0.1	0	0	16692.3	-0.04
297	24	1996	5.84	0	0	1.83	0.34	0	0	0	3.9	0.1	0	0	16694.1	-0.05
298	24	1996	0.25	0	0	1.31	0.18	0	0	0	-1.2	0.1	0	0	16695.4	-0.04
299	24	1996	0	0	0	1.42	0.22	0	0	0	-1.5	0.1	0	0	16696.9	-0.03
300	24	1996	0	0	0	1.33	0.29	0	0	0	-1.4	0.1	0	0	16698.2	-0.03
301	24	1996	0	0	0	1.08	0.22	0	0	0	-1.2	0.1	0	0	16699.3	-0.02
302	24	1996	4.83	0	0	3.05	0.1	0	0	0	1.7	0.1	0	0	16702.3	-0.01
303	24	1996	0	0	0	2.1	0.06	0	0	0	-2.2	0.1	0	0	16704.4	-0.01
304	24	1996	3.56	0	0	2.46	0.01	0	0	0	1.0	0.1	0	0	16706.9	0.01
305	24	1996	0	0	0	3.89	0	0	0	0	-4.0	0.1	0	0	16710.8	0
306	24	1996	0	0	0	1.94	0	0	0	0	-2.1	0.1	0	0	16712.7	0
307	24	1996	0.76	0	0	2.16	0	0	0	0	-1.5	0.1	0	0	16714.9	0
308	24	1996	4.57	0	0.23	0.37	0	0	4.33	0	-0.3	0.1	0	0	16715.3	0
309	24	1996	0	0	3.83	0.18	0	0	-4.33	0	4.0	0.1	0	0	16715.4	0
310	24	1996	0	0	0	0.62	0.02	0	0	0	-0.8	0.1	0	0	16716.1	0.01
311	24	1996	0	0	0	0.7	0.01	0	0	0	-0.8	0.1	0	0	16716.8	0
312	24	1996	1.52	0	0	1.02	0.02	0	0	0	0.4	0.1	0	0	16717.8	0.01
313	24	1996	90.42	0	0	1.14	0.03	0	0	0	89.2	0.1	0	0	16718.9	0
314	24	1996	4.32	0	0	1.4	0	0	0	0	2.8	0.1	0	0	16720.3	0
315	24	1996	3.05	0	0	1.5	0	0	0	0	1.4	0.1	0	0	16721.8	0
316	24	1996	0.51	0	0	2.02	0.01	0	0	0	-1.6	0.1	0	0	16723.8	0
317	24	1996	10.16	0	0	0.62	0	0	10.14	0	-0.7	0.1	0	0	16724.5	0
318	24	1996	1.27	0	0	0.02	0	0	1.44	0	-0.3	0.1	0	0	16724.5	0
319	24	1996	0	0	0	0.02	0	0	0.22	0	-0.4	0.1	0	0	16724.5	0
320	24	1996	0	0	0	-0.01	0	0	0.3	0	-0.4	0.1	0	0	16724.5	0
321	24	1996	0	0	0	0.12	0	0	0.12	0	-0.4	0.1	0	0	16724.6	0
322	24	1996	0	0	1.44	0.14	0	0	-1.42	0	1.2	0.1	0	0	16724.8	0
323	24	1996	0.25	0	2.23	0.01	0	0	-1.97	0	2.1	0.1	0	0	16724.8	0
324	24	1996	2.03	0	10.13	-0.14	0	0	-7.9	0	10.0	0.1	0	0	16724.6	0
325	24	1996	1.27	0	2.13	0.87	0	0	-0.94	0	1.2	0.1	0	0	16725.5	-0.01
326	24	1996	0.25	0	0	0.94	0	0	0	0	-0.8	0.1	0	0	16726.4	0
327	24	1996	1.52	0	0	0.46	0	0	0	0	0.9	0.1	0	0	16726.9	0
328	24	1996	0	0	0	0.55	0	0	0	0	-0.7	0.1	0	0	16727.5	0
329	24	1996	0	0	0	1.56	0	0	0	0	-1.7	0.1	0	0	16729	0
330	24	1996	9.91	0	0	0.07	0	0	9.91	0	-0.2	0.1	0	0	16729.1	0
331	24	1996	14.22	0	0	0.04	0	0	14.25	0	-0.2	0.1	0	0	16729.1	0
332	24	1996	0	0	0	0.11	0	0	-0.01	0	-0.2	0.1	0	0	16729.2	0
333	24	1996	0.76	0	0	0.03	0	0	0.84	0	-0.2	0.1	0	0	16729.3	0
334	24	1996	0	0	0	0.14	0	0	-0.1	0	-0.2	0.1	0	0	16729.4	0
335	24	1996	0	0	1.15	0.23	0	0	-1.37	0	1.0	0.1	0	0	16729.6	0
336	24	1996	25.15	0	48.31	-0.09	0.07	0	-23.52	0	15.9	0.1	32.44	0.26	16729.6	0
337	24	1996	7.37	0	0	0.39	0.01	0	0	0	7.1	0.1	0	0	16729.9	-0.01
338	24	1996	0	0	0	0.46	0.08	0	0	0	-0.6	0.1	0	0	16730.4	-0.01
339	24	1996	0	0	0	0.24	0	0	0	0	-0.3	0.1	0	0	16730.6	-0.01
340	24	1996	0.76	0	0	0.6	0	0	0	0	0.1	0.1	0	0	16731.3	-0.02
341	24	1996	5.08	0.13	0	0.32	0	0	0	0	4.5	0.1	0	0	16731.6	0
342	24	1996	0	0	0	0.71	0.03	0	0	0	-0.7	0.1	0	0	16732.3	-0.02
343	24	1996	0.51	0	0	0.44	0	0	0	0	0.0	0.1	0	0	16732.7	-0.01
344	24	1996	0.76	0	0.61	0.45	0	0	0	0	0.2	0.1	0	0	16733.2	0
345	24	1996	0.76	0	0	0.61	0	0	0	0	0.1	0.1	0	0	16733.8	-0.01
346	24	1996	0.51	0	0	0.57	0	0	0	0	-0.2	0.1	0	0	16734.4	-0.01
347	24	1996	0	0	0	0.69	0.05	0	0	0	-0.8	0.1	0	0	16735	-0.01
348	24	1996	37.59	0.15	0	0.3	0	0	0	0	37.0	0.1	0	0	16735.3	0
349	24	1996	3.05	0.18	0	0.33	0	0	0	0	2.6	0.1	0	0	16735.7	0
350	24	1996	0	0	0	0.41	0	0	0	0	-0.3	0.1	0	0	16736.1	-0.01
351	24	1996	0	0	0	0.65	0.09	0	0	0	-0.8	0.1	0	0	16736.7	-0.01
352	24	1996	0	0	0	0.81	0.14	0	0	0	-0.9	0.1	0	0	16737.5	-0.01
353	24	1996	0	0	0	0.57	0.03	0	0	0	-0.7	0.1	0	0	16738.1	-0.01
354	24	1996	3.05	0.01	0	0.82	0	0	2.81	0	-0.7	0.1	0	0	16738.9	0
355	24	1996	0	0	0	0.66	0	0	-0.03	0	-0.7	0.1	0	0	16739.6	-0.01
356	24	1996	0	0	0	0.44	0	0	0.13	0	-0.7	0.1	0	0	16740	0
357	24	1996	5.33	0.03	0	0.28	0	0	5.17	0	-0.3	0.1	0	0	16740.3	0
358	24	1996	8.64	0	10.37	0.25	0	0	-1.94	0	-0.1	0.1	10.36	0	16740.6	0
359	24	1996	4.57	0	8.48	-0.19	0.07	0	-6.14	0	0.3	0.1	10.48	0	16740.4	-0.03
360	24	1996	2.29	0	0	1.43	0	0	1.97	0	-1.2	0.1	0	0	16741.8	-0.01
361	24	1996	0.25	0	0	0.41	0	0	0.22	0	-0.5	0.1	0	0	16742.2	0
362	24	1996	0	0	0	0.06	0	0	0.06	0	-0.3	0.1	0	0	16742.3	0
363	24	1996	0	0	2.3	0.07	0.14	0	-2.25	0	-0.2	0.1	2.3	0	16742.3	0
364	24	1996	1.27	0	0	-0.09	0.02	0	0	0	1.2	0.1	0	0	16742.3	0
365	24	1996	0	0	0	1.97	0	0	0	0	-2.1	0.1	0	0	16744.2	0
366	24	1996	6.1	0	0	0.62	0	0	5.98	0	-0.6	0.1	0	0	16744.8	-0.01
1	24	1997	1.78	0	0	0.17	0	0	1.76	0	-0.3	0.1	0	0	16745	0
2	24	1997	2.54	0.1	0	0.06	0	0	2.44	0	-0.2	0.1	0	0	16745.1	0
3	24	1997	3.05	0.12	5.78	0	0	0	-2.79	0	-0.1	0.1	5.78	0	16745.1	0
4	24	1997	0	0	4.01	0.14	0.08	0	-3.97	0	-0.2	0.2	4	0	16745.2	0
5	24	1997	3.05	0	6.2	-0.39	0	0	-3.42	0	0.6	0.2	6.17	0	16744.8	-0.03
6	24	1997	0	0	0	2.41	0	0	0	0	-2.6	0.2	0	0	16747.2	0
7	24	1997	1.78	0	0	1.55	0	0	1.28	0	-1.2	0.2	0	0	16748.8	-0.02
8	24	1997	0	0	0	0.37	0	0	0.16	0	-0.7	0.2	0	0	16749.2	-0.01
9	24	1997	3.05	0.05	0	0.4	0	0	2.92	0	-0.5	0.2	0	0	16749.6	0
10	24	1997	1.27	0	0	0.35	0	0	1.12	0	-0.3	0.2	0	0	16749.9	0
11	24	1997	0	0	0	0.65	0	0	-0.38	0	-0.4	0.2	0	0	16750.6	-0.01
12	24	1997	0	0	0	0.59	0	0	-0.28	0	-0.5	0.2	0	0	16751.1	0
13	24	1997	0.25	0	0	0.4	0	0	0.08	0	-0.4	0.2	0	0	16751.5	0
14	24	1997	0	0	0	0.37	0	0	-0.14	0	-0.4	0.2	0	0	16751.9	-0.01
15	24	1997	0	0	0	0.23	0	0	-0.02	0	-0.4	0.2	0	0	16752.1	0
16	24	1997	0.51	0	0.04	0.55	0	0	0.11	0	-0.3	0.2	0	0	16752.7	-0.01
17	24	1997	2.79	0	0	0.6	0	0	2.42	0	-0.4	0.2	0	0	16753.3	-0.01
18	24	1997	0.51	0	0	0.11	0	0	0.57	0	-0.4	0.2	0	0	16753.4	0
19	24	1997	0.76	0	0	0.2	0	0	0.71	0	-0.4	0.2	0	0	16753.6	0
20	24	1997	1.02	0	0	0.31	0	0	0.77	0	-0.3	0.2	0	0	16753.9	0
21	24	1997	0	0	0	0.08	0	0	0.06	0	-0.3	0.2	0	0	16754	0
22	24	1997	2.79	0	9.8	0.7	0.19	0	-7.54	0	0.9	0.2	8.57	0	16754.7	0
23	24	1997	0.25	0	0.58	0.78	0.24	0	-0.5	0	-0.8	0.2	0.52	0	16755.5	-0.01
24	24	1997	1.02	0	0	0.7	0	0	0.62	0	-0.5	0.2	0	0	16756.2	-0.01
25	24	1997	0	0	1.15	0.5	0.23	0	-1.94	0	0.0	0.2	1.19	0	16756.7	-0.02
26	24	1997	0	0	0	1.27	0	0	0	0	-1.5	0.2	0	0	16757.9	-0.03
27	24	1997	4.57	0	0	0.7	0	0	4.03	0	-0.4	0.2	0	0	16758.6	0
28	24	1997	2.29	0	0	0.64	0	0	1.68	0	-0.3	0.2	0	0	16759.3	0
29	24	1997	0.51	0	0	0.22	0	0	0.53	0	-0.5	0.2	0	0	16759.5	-0.01
30	24	1997	0.25	0	0	0.2	0	0	0.28	0	-0.5	0.2	0	0	16759.7	0
31	24	1997	3.05	0	0	0.48	0	0	2.59	0	-0.3	0.2	0	0	16760.2	0.01
32	24	1997	2.29	0.02	2.05	0.44	0	0	-0.29	0	1.8	0.2	0.11	0	16760.6	0
33	24	1997	0	0	1.28	0.07	0	0	-1.26	0	-0.3	0.3	1.28	0	16760.7	0
34	24	1997	2.54	0.32	0.01	0.2	0	0	1.98	0	-0.2	0.3	0.01	0	16760.9	0
35	24	1997	11.43	0	11.83	0.78	0	0	-0.88	0	-0.2	0.3	11.83	0	16761.7	0
36	24	1997	3.56	0.02	7.23	0.4	0	0	-4.14	0	-0.2	0.3	7.2	0	16762.1	-0.01
37	24	1997	0.51	0	0	0.48	0	0	0.14	0	-0.3	0.3	0	0	16762.5	-0.01
38	24	1997	0.51	0	0	0.34	0	0	0.29	0	-0.4	0.3	0	0	16762.9	-0.01
39	24	1997	0	0	0	0.23	0	0	0	0	-0.5	0.3	0	0	16763.1	0
40	24	1997	0	0	0	0.18	0	0	0.03	0	-0.5	0.3	0	0	16763.3	0
41	24	1997	0	0	0	0.27	0	0	-0.17	0	-0.4	0.3	0	0	16763.6	0
42	24	1997	0	0	0	0.22	0	0	-0.12	0	-0.4	0.3	0	0	16763.8	0
43	24	1997	2.54	0.08	0	0.64	0	0	1.93	0	-0.4	0.3	0	0	16764.4	0
44	24	1997	0	0	0	0.29	0	0	-0.01	0	-0.5	0.3	0	0	16764.7	0
45	24	1997	2.79	0.16	0	0.44	0	0	2.24	0	-0.3	0.3	0	0	16765.1	0.01
46	24	1997	0.25	0	0	0.33	0	0	0.13	0	-0.3	0.3	0	0	16765.5	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
47	24	1997	2.03	0.02	0	0.53	0	0	1.63	0	-0.4	0.3	0	0	16766	0
48	24	1997	0.51	0	0	0.28	0	0	0.37	0	-0.4	0.3	0	0	16766.3	0
49	24	1997	0	0	7.13	0.55	0.29	0	-7.44	0	0.9	0.3	5.69	0	16766.8	0
50	24	1997	2.03	0	5.02	0.58	0.25	0	-3.55	0	-0.2	0.3	4.93	0	16767.4	-0.01
51	24	1997	0	0	0	1.11	0.41	0	0	0	-1.4	0.3	0	0	16768.5	-0.02
52	24	1997	0.25	0	0	1.22	0.79	0	0	0	-1.2	0.3	0	0	16769.7	0
53	24	1997	1.27	0	0	2.62	0.74	0	0	0	-1.6	0.3	0	0	16772.4	-0.03
54	24	1997	1.52	0	0.06	1.18	0	0	1.05	0	-1.0	0.3	0	0	16773.5	-0.02
55	24	1997	0.51	0	0	0.66	0	0	0.55	0	-0.9	0.3	0	0	16774.2	-0.01
56	24	1997	0.25	0	0	0.36	0	0	0.35	0	-0.7	0.3	0	0	16774.6	0
57	24	1997	2.54	0	3.07	1.31	0.48	0	-1.95	0	2.7	0.3	0.19	0	16775.9	0
58	24	1997	19.81	0	0	0.89	0.38	0	0	0	4.5	0.3	14.23	0	16776.8	-0.02
59	24	1997	0	0	0	0.63	0	0	0	0	-0.9	0.3	0	0	16777.4	-0.01
60	24	1997	0.25	0	0	0.79	0.43	0	0	0	-0.8	0.3	0	0	16778.2	0
61	24	1997	4.57	0	0	1.37	0.26	0	0	0	3.0	0.3	0	0	16779.6	-0.02
62	24	1997	0	0	0	0.98	0	0	0	0	-1.2	0.3	0	0	16780.5	0
63	24	1997	0.51	0	0	0.56	0	0	0	0	-0.3	0.3	0	0	16781.1	-0.01
64	24	1997	10.16	0.21	0	0.61	0.03	0	0	0	3.6	0.3	5.42	0	16781.7	0.02
65	24	1997	5.33	0	0	1.68	0	0	0	0	0.8	0.3	2.8	0	16783.4	-0.01
66	24	1997	0.51	0	0.34	1.92	0	0	0	0	-2.0	0.3	0	0.34	16785.3	-0.01
67	24	1997	3.81	0.05	0	1.21	0	0	3.4	0	-0.8	0.3	0	0	16786.5	0
68	24	1997	0.76	0	0.59	0.43	0	0	0.03	0	-0.5	0.3	0.59	0	16786.9	0
69	24	1997	1.52	0	4.03	1.01	0.34	0	-3.43	0	-0.7	0.3	3.94	0.43	16788	0
70	24	1997	1.02	0	0	0.67	0	0	0	0	-0.6	0.3	1.09	0	16788.6	0
71	24	1997	0	0	0	1.58	0	0	0	0	-1.8	0.3	0	0	16790.2	-0.01
72	24	1997	0	0	0	1.21	0	0	0	0	-1.5	0.3	0	0	16791.4	-0.01
73	24	1997	24.13	0	1.07	1.17	0.19	0	22.22	0	-0.6	0.3	1.07	0	16792.6	0
74	24	1997	0	0	0	0.88	0	0	-0.84	0	-0.3	0.3	0	0	16793.5	-0.01
75	24	1997	2.03	0	0	0.87	0	0	1.26	0	-0.3	0.2	0	0	16794.3	-0.01
76	24	1997	0	0	1.3	0.55	0.19	0	-1.64	0	-0.5	0.2	1.3	0	16794.9	0
77	24	1997	0	0	1.3	0.38	0	0	-1.63	0	-0.3	0.2	1.3	0	16795.3	0
78	24	1997	0	0	1.98	0.06	0	0	-1.97	0	-0.3	0.2	1.98	0	16795.3	0
79	24	1997	0	0	2.28	0.07	0	0	-2.33	0	-0.3	0.2	2.28	0	16795.4	0
80	24	1997	5.84	0	7.49	0.91	0.07	0	-2.51	0	-0.3	0.2	7.49	0	16796.3	-0.01
81	24	1997	0.25	0	6.12	0.85	0.57	0	-6.09	0	-0.9	0.2	6.11	0	16797.2	0
82	24	1997	0	0	2.15	0.58	0	0	-2.49	0	-0.4	0.2	2.12	0	16797.7	0
83	24	1997	0	0	2.56	0.29	0	0	-2.66	0	0.2	0.2	1.93	0	16798	0.01
84	24	1997	6.35	0	6.44	1.35	0.28	0	-1.33	0	0.7	0.2	5.41	0	16799.4	0
85	24	1997	5.08	0	0	1.38	0.28	0	0	0	0.5	0.2	2.95	0	16800.8	0.01
86	24	1997	0	0	0	1.75	1.17	0	0	0	-2.0	0.2	0	0	16802.5	-0.01
87	24	1997	0	0	0	1.92	1.62	0	0	0	-2.2	0.2	0	0	16804.4	-0.01
88	24	1997	5.59	0	0	1.12	0.13	0	0	0	4.3	0.2	0	0	16805.5	-0.02
89	24	1997	4.83	0.32	0	0.98	0	0	0	0	3.3	0.2	0	0	16806.5	-0.01
90	24	1997	8.13	0.09	0	1.54	0	0	0	0	6.6	0.2	0	0	16808.1	0
91	24	1997	0	0	0	2	0	0	0	0	-2.1	0.2	0	0	16810.1	-0.01
92	24	1997	0	0	0	2.39	0.98	0	0	0	-2.6	0.2	0	0	16812.5	0
93	24	1997	0	0	0	2.89	1.8	0	0	0	-3.1	0.2	0	0	16815.4	-0.01
94	24	1997	0	0	0	3	1.45	0	0	0	-3.2	0.2	0	0	16818.4	0
95	24	1997	0.51	0	0	2.82	1.81	0	0	0	-2.5	0.2	0	0	16821.2	-0.01
96	24	1997	0.25	0	0	4.22	2.52	0	0	0	-4.2	0.2	0	0	16825.4	-0.02
97	24	1997	0	0	0	4.43	1.93	0	0	0	-4.6	0.2	0	0	16829.8	-0.04
98	24	1997	1.27	0	0.37	1.69	0	0	0	0	-0.6	0.2	0	0	16831.5	-0.03
99	24	1997	0.25	0	0.13	1.56	0	0	0	0	-1.7	0.2	0	0.13	16833.1	-0.01
100	24	1997	0	0	0	1.34	0	0	0	0	-1.4	0.2	0	0	16834.4	0
101	24	1997	0	0	0	1.77	0.92	0	0	0	-2.0	0.2	0	0	16836.2	0
102	24	1997	11.18	0	0	2.04	0.17	0	0	0	8.9	0.2	0	0	16838.2	-0.01
103	24	1997	0.76	0	0	1.13	0.42	0	0	0	-0.6	0.2	0	0	16839.4	0
104	24	1997	0	0	0	2.92	1.08	0	0	0	-3.1	0.2	0	0	16842.3	-0.01
105	24	1997	0	0	0	3.09	1.79	0	0	0	-3.3	0.2	0	0	16845.4	-0.01
106	24	1997	0.76	0	0	3.5	2.09	0	0	0	-2.9	0.2	0	0	16848.9	-0.01
107	24	1997	0	0	0	1.22	0.58	0	0	0	-1.4	0.2	0	0	16850.1	0
108	24	1997	3.3	0	0	2.17	0	0	0	0	0.9	0.2	0	0	16852.3	-0.01
109	24	1997	1.02	0	0	0.95	0	0	0	0	-0.1	0.2	0	0	16853.2	-0.01
110	24	1997	0	0	0	0.83	0.46	0	0	0	-1.0	0.2	0	0	16854.1	-0.01
111	24	1997	0	0	0	1.76	1.4	0	0	0	-2.0	0.2	0	0	16855.8	-0.01
112	24	1997	0	0	0	3.01	2.11	0	0	0	-3.2	0.2	0	0	16858.8	-0.02
113	24	1997	0	0	0	2.93	2.16	0	0	0	-3.1	0.2	0	0	16861.8	-0.02
114	24	1997	0	0	0	3.57	2.49	0	0	0	-3.8	0.2	0	0	16865.3	0
115	24	1997	0	0	0	2.82	2.14	0	0	0	-3.0	0.2	0	0	16868.2	0
116	24	1997	0	0	0	4.08	2.69	0	0	0	-4.3	0.2	0	0	16872.2	-0.01
117	24	1997	4.06	0	0	4.12	1.33	0	0	0	-0.3	0.2	0	0	16876.3	-0.01
118	24	1997	21.59	0.32	0	2.01	0.08	0	0	0	19.0	0.2	0	0	16878.4	0.01
119	24	1997	0	0	0	3.24	2.13	0	0	0	-3.1	0.2	0	0	16881.6	-0.02
120	24	1997	0	0	0	4.76	3.63	0	0	0	-5.0	0.2	0	0	16886.4	-0.02
121	24	1997	1.52	0	0	4.33	2.88	0	0	0	-3.0	0.2	0	0	16890.7	-0.03
122	24	1997	0	0	0	4.99	3.01	0	0	0	-5.2	0.2	0	0	16895.7	-0.03
123	24	1997	8.13	0	0	3.1	0.67	0	0	0	4.8	0.2	0	0	16898.8	-0.02
124	24	1997	0	0	0	3.76	2.46	0	0	0	-3.9	0.2	0	0	16902.5	-0.04
125	24	1997	0	0	0	5.11	3.59	0	0	0	-5.3	0.2	0	0	16907.6	-0.01
126	24	1997	1.02	0	0	3.63	2.22	0	0	0	-2.8	0.2	0	0	16911.3	-0.01
127	24	1997	0	0	0	4.39	2.7	0	0	0	-4.6	0.2	0	0	16915.7	-0.03
128	24	1997	0	0	0	4.09	2.99	0	0	0	-4.3	0.2	0	0	16919.7	-0.01
129	24	1997	4.06	0	0	3.78	1.1	0	0	0	0.1	0.2	0	0	16923.5	0.01
130	24	1997	0.51	0	0	1.7	0.75	0	0	0	-1.4	0.2	0	0	16925.2	-0.03
131	24	1997	0.76	0	0	5.44	3.72	0	0	0	-4.9	0.2	0	0	16930.6	-0.03
132	24	1997	3.05	0	0	4.25	1.64	0	0	0	-1.4	0.2	0	0	16934.9	-0.01
133	24	1997	0	0	0	3.7	2.85	0	0	0	-3.9	0.2	0	0	16938.6	-0.05
134	24	1997	0.76	0	0	3.53	2.32	0	0	0	-3.0	0.2	0	0	16942.1	-0.01
135	24	1997	4.32	0	0	3.48	0.49	0	0	0	0.6	0.2	0	0	16945.6	-0.02
136	24	1997	2.03	0	0	3.36	1.16	0	0	0	-1.6	0.2	0	0	16949	-0.02
137	24	1997	1.27	0	0	2.41	0.93	0	0	0	-1.4	0.2	0	0	16951.4	-0.01
138	24	1997	0	0	0	3.32	2.72	0	0	0	-3.5	0.2	0	0	16954.7	-0.03
139	24	1997	23.37	1.34	0	1.38	0.08	0	0	0	20.4	0.2	0	0	16956.1	0.01
140	24	1997	0	0	0	5.06	2.67	0	0	0	-3.9	0.2	0	0	16961.1	-0.02
141	24	1997	0.25	0	0	3.29	2.36	0	0	0	-3.3	0.2	0	0	16964.4	-0.02
142	24	1997	0	0	0	4.22	3.34	0	0	0	-4.4	0.2	0	0	16968.6	-0.02
143	24	1997	0	0	0	4.41	3.33	0	0	0	-4.7	0.2	0	0	16973.1	0
144	24	1997	0	0	0	3.97	3.62	0	0	0	-4.2	0.2	0	0	16977	-0.02
145	24	1997	0	0	0	3.88	3.17	0	0	0	-4.1	0.2	0	0	16980.9	-0.01
146	24	1997	0	0	0	4.46	3.31	0	0	0	-4.7	0.2	0	0	16985.4	-0.04
147	24	1997	0	0	0	4	3.38	0	0	0	-4.2	0.2	0	0	16989.4	-0.02
148	24	1997	0	0	0	4.78	4.12	0	0	0	-5.0	0.2	0	0	16994.2	-0.01
149	24	1997	0	0	0	4.3	3.79	0	0	0	-4.5	0.2	0	0	16998.5	-0.02
150	24	1997	5.33	0.21	0	3.15	0.23	0	0	0	1.7	0.2	0	0	17001.6	0.02
151	24	1997	5.33	0.55	0	2.67	0	0	0	0	2.1	0.2	0	0	17004.3	0.01
152	24	1997	12.19	1.02	0	2.39	0	0	0	0	9.1	0.2	0	0	17006.7	-0.01
153	24	1997	4.32	0	0	5.19	1.02	0	0	0	-0.1	0.2	0	0	17011.9	-0.01
154	24	1997	0	0	0	3.94	3.42	0	0	0	-4.2	0.2	0	0	17015.8	-0.03
155	24	1997	0	0	0	4.71	4.06	0	0	0	-4.9	0.2	0	0	17020.5	-0.03
156	24	1997	0	0	0	4.26	3.75	0	0	0	-4.5	0.2	0	0	17024.8	-0.03
157	24	1997	0	0	0	4.24	3.63	0	0	0	-4.5	0.2	0	0	17029	-0.02
158	24	1997	0.25	0	0	2.42	1.78	0	0	0	-2.4	0.2	0	0	17031.5	-0.04
159	24	1997	0.25	0	0	3.88	3.06	0	0	0	-3.8	0.2	0	0	17035.3	-0.03
160	24	1997	0	0	0	4.28	3.44	0	0	0	-4.5	0.2	0	0	17039.6	-0.05
161	24	1997	0	0	0	5.46	3.87	0	0	0	-5.7	0.2	0	0	17045.1	-0.04
162	24	1997	0	0	0	4.4	2.92	0	0	0	-4.6	0.2	0	0	17049.5	-0.03
163	24	1997	0	0	0	3.1	1.98	0	0	0	-3.3	0.2	0	0	17052.6	-0.03
164	24	1997	1.27	0	0	2.56	0.97	0	0	0	-1.5	0.2	0	0	17055.1	-0.02
165	24	1997	0	0	0	2.59	1.18	-0.01	0	0	-2.8	0.2	0	0	17057.7	-0.03
166	24	1997	0	0	0	1.68	1.25	0	0	0	-1.9	0.2	0	0	17059.4	-0.02
167	24	1997	1.52	0	0	2.33	1.05	0	0	0	-1.0	0.2	0	0	17061.7	0
168	24	1997	6.86	0	0	3.04	0.31	0	0	0	3.6	0.2	0	0	17064.8	0.02
169	24	1997	4.32	0.49	0	2.34	0.06	0	0	0	1.3	0.2	0	0	17067.1	-0.01
170	24	1997	0	0	0	1.7	0.57	0	0	0	-1.4	0.2	0	0	17068.8	-0.01
171	24	1997	0.76	0	0	1.95	0.78	0	0	0	-1.4	0.2	0	0	17070.8	-0.03
172	24	1997	0	0	0	1.79	1.13	0	0	0	-2.0	0.2	0	0	17072.6	0
173	24	1997	0	0	0	2.52	0.86	0	0	0	-2.7	0.2	0	0	17075.1	-0.03
174	24	1997	0	0	0	2.39	0.76	0	0	0	-2.6	0.2	0	0	17077.5	-0.03
175	24	1997	6.1	0	0	2.52	0.13	0	0	0	3.3	0.2	0	0	17080	0.04
176	24	1997	0	0	0	2.18	0.9	0	0	0	-2.4	0.2	0	0	17082.2	-0.02
177	24	1997	3.81	0	0	3.6	0.4	0	0	0	0.0	0.2	0	0	17085.8	0.02
178	24	1997	0	0	0	2.96	0.83	0	0	0	-3.2	0.2	0	0	17088.7	-0.03
179	24	1997	0	0	0	2.25	0.86	0	0	0	-2.5	0.2	0	0	17091	-0.02
180	24	1997	0	0	0	1.24	0.91	0	0	0	-1.4	0.2	0	0	17092.2	-0.02
181	24	1997	0	0	0	0.85	0.83	0	0	0	-1.1	0.2	0	0	17093.1	-0.02
182	24	1997	2.79	0	0	2.84	0.45	0	0	0	-0.3	0.2	0	0	17095.9	-0.01
183	24	1997	0.51	0	0	0.79	0.44	0	0	0	-0.5	0.2	0	0	17096.7	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
184	24	1997	23.88	0	0	4.98	2.03	0	0	0	18.7	0.2	0	0	17101.7	-0.02
185	24	1997	5.59	0	0	3.9	1.06	0	0	0	1.5	0.2	0	0	17105.6	-0.03
186	24	1997	0	0	0	4.91	2.95	0	0	0	-5.1	0.2	0	0	17110.5	-0.02
187	24	1997	0	0	0	5.27	2.9	0	0	0	-5.5	0.2	0	0	17115.8	-0.01
188	24	1997	0	0	0	3.3	1.74	0	0	0	-3.5	0.2	0	0	17119.1	0.01
189	24	1997	4.83	0	0	3.26	0.73	0	0	0	1.4	0.2	0	0	17122.3	-0.02
190	24	1997	23.11	0	0	2.2	0.34	0	0	0	20.7	0.2	0	0	17124.5	-0.02
191	24	1997	0	0	0	5.19	2.66	0	0	0	-5.4	0.2	0	0	17129.7	-0.01
192	24	1997	0	0	0	5.47	2.93	0	0	0	-5.7	0.2	0	0	17135.2	0
193	24	1997	0	0	0	5.12	2.5	0	0	0	-5.3	0.2	0	0	17140.3	-0.02
194	24	1997	0	0	0	4.94	2.5	0	0	0	-5.1	0.2	0	0	17145.2	-0.02
195	24	1997	2.79	0	0	5.21	1.85	0	0	0	-2.6	0.2	0	0	17150.4	-0.01
196	24	1997	0.25	0	0	4.1	2.02	0	0	0	-4.1	0.2	0	0	17154.5	0.01
197	24	1997	0	0	0	2.65	1.81	0	0	0	-2.8	0.2	0	0	17157.2	-0.02
198	24	1997	0	0	0	1.7	1.67	0	0	0	-1.9	0.2	0	0	17158.9	-0.01
199	24	1997	0	0	0	1.14	1.18	0	0	0	-1.3	0.2	0	0	17160	-0.02
200	24	1997	0	0	0	0.75	0.57	0	0	0	-0.9	0.2	0	0	17160.8	-0.03
201	24	1997	0	0	0	1.06	0.8	0	0	0	-1.2	0.2	0	0	17161.8	-0.02
202	24	1997	6.1	0	0	1.56	0.19	0	0	0	4.3	0.2	0	0	17163.4	0.01
203	24	1997	0	0	0	3.88	0.53	0	0	0	-4.1	0.2	0	0	17167.3	-0.02
204	24	1997	0	0	0	1.97	0.58	0	0	0	-2.2	0.2	0	0	17169.3	-0.02
205	24	1997	0	0	0	0.36	0.41	0	0	0	-0.6	0.2	0	0	17169.6	-0.01
206	24	1997	0	0	0	0.87	0.58	0	0	0	-1.1	0.2	0	0	17170.5	-0.01
207	24	1997	0	0	0	0.36	0.44	0	0	0	-0.6	0.2	0	0	17170.8	0
208	24	1997	0.51	0	0	0.25	0.19	0	0	0	0.1	0.2	0	0	17171.1	0.01
209	24	1997	0.25	0	0	0.35	0.14	0	0	0	-0.3	0.2	0	0	17171.4	0.02
210	24	1997	0	0	0	0.5	0	0	0	0	-0.7	0.2	0	0	17171.9	0
211	24	1997	0	0	0	0.14	0.02	0	0	0	-0.3	0.2	0	0	17172.1	0
212	24	1997	0	0	0	-0.02	0.03	0	0	0	-0.2	0.2	0	0	17172.1	0
213	24	1997	0	0	0	0.09	0.03	0	0	0	-0.3	0.2	0	0	17172.2	0
214	24	1997	0	0	0	-0.12	0.04	0	0	0	-0.1	0.2	0	0	17172	0.01
215	24	1997	0	0	0	-0.17	0.04	0	0	0	0.0	0.2	0	0	17171.9	0
216	24	1997	0	0	0	0.32	0.05	0	0	0	-0.5	0.2	0	0	17172.2	0.01
217	24	1997	0	0	0	0.11	0.08	0	0	0	-0.3	0.2	0	0	17172.3	0.01
218	24	1997	0	0	0	0.23	0.08	0	0	0	-0.4	0.2	0	0	17172.5	0.01
219	24	1997	0	0	0	0.34	0.13	0	0	0	-0.5	0.2	0	0	17172.9	0.01
220	24	1997	0	0	0	0.02	0.15	0	0	0	-0.2	0.2	0	0	17172.9	0.01
221	24	1997	0	0	0	0.25	0.2	0	0	0	-0.4	0.2	0	0	17173.1	0.01
222	24	1997	0	0	0	0.22	0.21	0	0	0	-0.4	0.2	0	0	17173.4	0.01
223	24	1997	0.76	0	0	0.44	0.09	0	0	0	0.1	0.2	0	0	17173.8	0.02
224	24	1997	0	0	0	0.45	0.16	0	0	0	-0.6	0.2	0	0	17174.2	0.02
225	24	1997	24.89	0	0	2.01	0.03	0	0	0	22.7	0.2	0	0	17176.3	0.01
226	24	1997	0	0	0	4.46	0.05	0	0	0	-4.6	0.2	0	0	17180.7	0.01
227	24	1997	1.02	0	0	4.01	0.05	0	0	0	-3.2	0.2	0	0	17184.7	0.02
228	24	1997	20.32	0	0	3.41	0.07	0	0	0	16.7	0.2	0	0	17188.1	0.01
229	24	1997	0.76	0	0	3.65	0.05	0	0	0	-3.1	0.2	0	0	17191.8	0.02
230	24	1997	0	0	0	5.13	0.05	0	0	0	-5.3	0.2	0	0	17196.9	0.01
231	24	1997	0	0	0	4	0.06	0	0	0	-4.2	0.2	0	0	17200.9	0.02
232	24	1997	5.59	0	0	3.25	0.05	0	0	0	2.2	0.2	0	0	17204.2	0.02
233	24	1997	22.86	0	0	2.85	0.02	0	0	0	19.8	0.2	0	0	17207	0.02
234	24	1997	0.51	0	0	3.92	0.06	0	0	0	-3.6	0.2	0	0	17210.9	0.01
235	24	1997	2.29	0	0	3.51	0.03	0	0	0	-1.4	0.2	0	0	17214.4	0.01
236	24	1997	0.76	0	0	3.62	0.07	0	0	0	-3.0	0.2	0	0	17218.1	0.01
237	24	1997	2.29	0	0	2.14	0.04	0	0	0	0.0	0.2	0	0	17220.2	0.02
238	24	1997	0	0	0	2.86	0.07	0	0	0	-3.0	0.2	0	0	17223.1	0.01
239	24	1997	17.02	0	0	1.55	0.02	0	0	0	15.3	0.2	0	0	17224.6	0.01
240	24	1997	0	0	0	3.23	0.08	0	0	0	-3.4	0.2	0	0	17227.9	0.02
241	24	1997	4.06	0	0	3.13	0.05	0	0	0	0.8	0.2	0	0	17231	0.02
242	24	1997	0	0	0	2.9	0.07	0	0	0	-3.1	0.2	0	0	17233.9	0.01
243	24	1997	0	0	0	2.43	0.08	0	0	0	-2.6	0.2	0	0	17236.3	0.02
244	24	1997	0	0	0	2.97	0.1	0	0	0	-3.1	0.2	0	0	17239.3	0.01
245	24	1997	8.89	0	0	3.58	0.08	0	0	0	5.1	0.2	0	0	17242.9	0.01
246	24	1997	0.25	0	0	3.23	0.05	0	0	0	-3.1	0.2	0	0	17246.1	0.01
247	24	1997	0	0	0	4.2	0.08	0	0	0	-4.4	0.2	0	0	17250.3	0.01
248	24	1997	0	0	0	4.37	0.13	0	0	0	-4.5	0.2	0	0	17254.7	0.01
249	24	1997	0	0	0	2.74	0.16	0	0	0	-2.9	0.2	0	0	17257.4	0.01
250	24	1997	0.51	0	0	1.5	0.06	0	0	0	-1.1	0.2	0	0	17258.9	0
251	24	1997	0	0	0	3.1	0.12	0	0	0	-3.3	0.2	0	0	17262	0.01
252	24	1997	0	0	0	2.71	0.12	0	0	0	-2.9	0.2	0	0	17264.7	0.01
253	24	1997	2.29	0	0	2.09	0.06	0	0	0	0.0	0.2	0	0	17266.8	0.01
254	24	1997	11.68	0	0	1.4	0.02	0	0	0	10.1	0.2	0	0	17268.2	0
255	24	1997	9.14	0	0	2.54	0.08	0	0	0	6.5	0.2	0	0	17270.7	0
256	24	1997	1.27	0	0	1.48	0.04	0	0	0	-0.4	0.2	0	0	17272.2	-0.01
257	24	1997	0	0	0	2.05	0.1	0	0	0	-2.2	0.2	0	0	17274.3	0
258	24	1997	0	0	0	2.57	0.13	0	0	0	-2.7	0.2	0	0	17276.8	0
259	24	1997	0	0	0	2.99	0.12	0	0	0	-3.1	0.1	0	0	17279.8	0
260	24	1997	1.78	0	0	3.32	0.13	0	0	0	-1.7	0.1	0	0	17283.1	0.01
261	24	1997	0	0	0	3.13	0.17	0	0	0	-3.3	0.1	0	0	17286.3	-0.01
262	24	1997	0.25	0	0	2.86	0.16	0	0	0	-2.8	0.1	0	0	17289.1	0
263	24	1997	2.03	0	0	2.75	0.09	0	0	0	-0.9	0.1	0	0	17291.9	-0.01
264	24	1997	0	0	0	3.4	0.1	0	0	0	-3.5	0.1	0	0	17295.3	0
265	24	1997	0	0	0	3.03	0.16	0	0	0	-3.2	0.1	0	0	17298.3	0
266	24	1997	6.6	0	0	1.46	0.05	0	0	0	5.0	0.1	0	0	17299.8	0
267	24	1997	0	0	0	2.37	0.11	0	0	0	-2.5	0.1	0	0	17302.1	0
268	24	1997	4.57	0	0	2.62	0.11	0	0	0	1.8	0.1	0	0	17304.7	0
269	24	1997	0.76	0	0	1.08	0.03	0	0	0	-0.5	0.1	0	0	17305.8	0.01
270	24	1997	0	0	0	2.64	0.14	0	0	0	-2.8	0.1	0	0	17308.5	-0.01
271	24	1997	0.51	0	0	3.07	0.16	0	0	0	-2.7	0.1	0	0	17311.5	0.01
272	24	1997	17.53	0	0	2.34	0.1	0	0	0	15.1	0.1	0	0	17313.9	0
273	24	1997	1.78	0	0	2.61	0.07	0	0	0	-1.0	0.1	0	0	17316.5	-0.02
274	24	1997	3.56	0	0	2.37	0.04	0	0	0	1.1	0.1	0	0	17318.8	-0.01
275	24	1997	0	0	0	1.6	0.09	0	0	0	-1.7	0.1	0	0	17320.4	0
276	24	1997	5.08	0	0	1.02	0.02	0	0	0	3.9	0.1	0	0	17321.5	0
277	24	1997	0.51	0	0	2.16	0.19	0	0	0	-1.8	0.1	0	0	17323.6	-0.01
278	24	1997	9.91	0	0	2.59	0.18	0	0	0	7.2	0.1	0	0	17326.2	-0.01
279	24	1997	0	0	0	3.03	0.23	0	0	0	-3.2	0.1	0	0	17329.2	-0.01
280	24	1997	0	0	0	1.34	0.17	0	0	0	-1.5	0.1	0	0	17330.6	-0.01
281	24	1997	0	0	0	1.94	0.2	0	0	0	-2.1	0.1	0	0	17332.5	-0.02
282	24	1997	0	0	0	2.13	0.26	0	0	0	-2.3	0.1	0	0	17334.7	-0.01
283	24	1997	0.25	0	0	2.73	0.17	0	0	0	-2.6	0.1	0	0	17337.4	0
284	24	1997	0	0	0	1.99	0.15	0	0	0	-2.1	0.1	0	0	17339.4	0
285	24	1997	0	0	0	2.12	0.23	0	0	0	-2.2	0.1	0	0	17341.5	0
286	24	1997	0	0	0	2.22	0.27	0	0	0	-2.3	0.1	0	0	17343.7	-0.01
287	24	1997	0	0	0	1.32	0.15	0	0	0	-1.4	0.1	0	0	17345	0
288	24	1997	0	0	0	2.31	0.18	0	0	0	-2.4	0.1	0	0	17347.3	-0.01
289	24	1997	0	0	0	1.88	0.16	0	0	0	-2.0	0.1	0	0	17349.2	0
290	24	1997	0	0	0	1.53	0.13	0	0	0	-1.7	0.1	0	0	17350.8	0
291	24	1997	0	0	0	1.44	0.13	0	0	0	-1.6	0.1	0	0	17352.2	0
292	24	1997	0	0	0	1.65	0.17	0	0	0	-1.8	0.1	0	0	17353.8	0
293	24	1997	0.51	0	0	1.03	0.09	0	0	0	-0.6	0.1	0	0	17354.9	0
294	24	1997	0.51	0	0	1.21	0.08	0	0	0	-0.8	0.1	0	0	17356.1	-0.01
295	24	1997	2.54	0	0	1.72	0	0	0	0	0.7	0.1	0	0	17357.8	0
296	24	1997	0.76	0	0	1.82	0.08	0	0	0	-1.2	0.1	0	0	17359.6	-0.01
297	24	1997	0	0	0	0.98	0.1	0	0	0	-1.1	0.1	0	0	17360.6	0
298	24	1997	0	0	0	0.78	0.07	0	0	0	-0.9	0.1	0	0	17361.4	-0.01
299	24	1997	9.91	0	0	1.43	0.05	0	0	0	8.4	0.1	0	0	17362.8	-0.01
300	24	1997	3.81	0	0	1.93	0.1	0	0	0	1.8	0.1	0	0	17364.8	0
301	24	1997	0.51	0	0	1.71	0.04	0	0	0	-1.3	0.1	0	0	17366.5	-0.01
302	24	1997	0.25	0	0	0.85	0.08	0	0	0	-0.7	0.1	0	0	17367.3	-0.01
303	24	1997	0	0	0	1.03	0.12	0	0	0	-1.1	0.1	0	0	17368.3	-0.01
304	24	1997	0	0	0	1.93	0.21	0	0	0	-2.0	0.1	0	0	17370.3	0
305	24	1997	10.41	0	0	0.68	0.03	0	0	0	9.6	0.1	0	0	17370.9	0
306	24	1997	21.59	0	0	0.81	0.03	0	0	0	20.7	0.1	0	0	17371.8	-0.01
307	24	1997	0	0	0	2.08	0.2	0	0	0	-2.2	0.1	0	0	17373.8	-0.02
308	24	1997	3.3	0	0	1.08	0.01	0	0	0	2.1	0.1	0	0	17374.9	-0.01
309	24	1997	0	0	0	0.65	0.08	0	0	0	-0.8	0.1	0	0	17375.6	-0.01
310	24	1997	0	0	0	1.22	0.17	0	0	0	-1.3	0.1	0	0	17376.8	-0.01
311	24	1997	0	0	0	1.1	0.11	0	0	0	-1.2	0.1	0	0	17377.9	-0.02
312	24	1997	5.59	0.06	0	0.52	0.01	0	0	0	4.9	0.1	0	0	17378.4	0.01
313	24	1997	13.72	0.11	0	0.51	0	0	0	0	13.1	0.1	0	0	17378.9	-0.01
314	24	1997	0	0	0	0.77	0	0	0	0	-0.8	0.1	0	0	17379.7	-0.01
315	24	1997	0.76	0	0	1.05	0	0	0	0	-0.4	0.1	0	0	17380.7	-0.02
316	24	1997	0.25	0	0.22	1.25	0	0	0	0	-1.1	0.1	0	0	17382	-0.01
317	24	1997	0	0	0	1.13	0	0	0	0	-1.2	0.1	0	0	17383.1	0
318	24	1997	23.11	0	0	0.42	0	0	23.02	0	-0.4	0.1	0	0	17383.5	0
319	24	1997	2.29	0	0	0	0	0	2.33	0	-0.2	0.1	0	0	17383.5	0
320	24	1997	2.79	0	0	0.09	0	0	2.75	0	-0.2	0.1	0	0	17383.6	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
321	24	1997	0	0	0	0.67	0	0	-0.64	0	-0.1	0.1	0	0	17384.3	0
322	24	1997	0	0	0	0.17	0	0	-0.13	0	-0.2	0.1	0	0	17384.5	0
323	24	1997	0	0	0.44	0.03	0.01	0	-0.41	0	0.3	0.1	0	0	17384.5	0
324	24	1997	0	0	1.36	0.11	0	0	-1.4	0	1.2	0.1	0	0	17384.6	0
325	24	1997	0	0	5.23	0.03	0.05	0	-5.13	0	5.0	0.1	0	0	17384.7	0
326	24	1997	5.33	0.1	9.04	0.02	0	0	-3.74	0	8.9	0.1	0	0	17384.7	0
327	24	1997	1.02	0	6.33	0.12	0.01	0	-5.23	0	6.1	0.1	0	0	17384.8	0
328	24	1997	1.02	0	0.29	0.45	0	0	0.4	0	0.1	0.1	0	0	17385.2	-0.01
329	24	1997	0.25	0	1.29	0.26	0.05	0	-1.16	0	1.1	0.1	0	0	17385.5	0
330	24	1997	3.56	0	14.27	0.24	0.07	0	-10.67	0	13.9	0.1	0	0	17385.7	0
331	24	1997	2.79	0	0	1.04	0	0	2.49	0	-0.8	0.1	0	0	17386.8	-0.01
332	24	1997	0.25	0	2.14	-0.01	0.05	0	-2.49	0	2.7	0.1	0	0	17386.8	-0.02
333	24	1997	0	0	0	0.33	0.08	0	0	0	-0.4	0.1	0	0	17387.1	-0.01
334	24	1997	10.67	0.17	0	0.3	0	0	0	0	10.1	0.1	0	0	17387.4	0
335	24	1997	0.51	0	0.44	1.44	0	0	0	0	-0.9	0.1	0	0	17388.8	-0.01
336	24	1997	0	0	0	1.55	0	0	0	0	-1.7	0.1	0	0	17390.4	-0.01
337	24	1997	1.78	0	0.11	0.43	0	0	1.47	0	-0.3	0.1	0.11	0	17390.8	0
338	24	1997	3.56	0.12	4.39	0.01	0	0	-1.47	0	0.4	0.1	4.35	0	17390.8	0
339	24	1997	3.05	0.12	0	0.17	0	0	0	0	2.8	0.1	0	0	17391	0
340	24	1997	2.54	0	0	0.88	0	0	2.2	0	-0.5	0.1	0	0	17391.9	0
341	24	1997	2.29	0.03	0.99	0.27	0	0	1.11	0	0.8	0.1	0	0	17392.2	0
342	24	1997	0	0	0.51	0.15	0	0	-0.56	0	0.3	0.1	0	0	17392.3	0
343	24	1997	0	0	0	0.14	0	0	0.12	0	-0.4	0.1	0	0	17392.5	0
344	24	1997	12.95	0	0	0.12	0	0	13.11	0	-0.4	0.1	0	0	17392.6	-0.01
345	24	1997	2.03	0	0	0.11	0	0	1.97	0	-0.1	0.1	0	0	17392.7	0
346	24	1997	0.51	0	0	0.13	0	0	0.42	0	-0.1	0.1	0	0	17392.8	0
347	24	1997	1.27	0	0	0.3	0	0	1.01	0	-0.1	0.1	0	0	17393.1	0
348	24	1997	0.25	0	0	0.16	0	0	0.23	0	-0.2	0.1	0	0	17393.3	0
349	24	1997	0	0	0	0.1	0.06	0	0.14	0	-0.3	0.1	0	0	17393.4	0
350	24	1997	0	0	0.42	0.12	0.12	0	-0.26	0	0.1	0.1	0	0	17393.5	0
351	24	1997	0	0	1.25	0.07	0	0	-1.27	0	1.1	0.1	0	0	17393.6	0
352	24	1997	0	0	0.95	0.05	0	0	-0.91	0	0.8	0.1	0	0	17393.6	0
353	24	1997	0	0	3.53	0.05	0.03	0	-3.54	0	3.4	0.1	0	0	17393.7	0
354	24	1997	2.54	0	0.81	0.27	0	0	1.52	0	0.7	0.1	0	0	17393.9	-0.01
355	24	1997	0	0	0	0.12	0	0	0.13	0	-0.3	0.1	0	0	17394	-0.01
356	24	1997	6.6	0	0	0.09	0	0	6.69	0	-0.3	0.1	0	0	17394.1	0
357	24	1997	6.6	0	0	0.04	0	0	6.58	0	-0.1	0.1	0	0	17394.2	0
358	24	1997	1.27	0	0	0.07	0	0	1.25	0	-0.1	0.1	0	0	17394.2	0
359	24	1997	10.41	0	13.89	-0.13	0.02	0	-3.33	0	1.2	0.1	12.53	0	17394.1	0
360	24	1997	1.02	0	4.54	0.06	0	0	-3.59	0	3.6	0.1	0.88	0	17394.2	0
361	24	1997	0	0	0.92	0.05	0	0	-0.94	0	0.8	0.1	0	0	17394.2	0
362	24	1997	0	0	0	0.09	0	0	0.01	0	-0.2	0.1	0	0	17394.3	0
363	24	1997	4.32	0	0	0.19	0	0	4.22	0	-0.2	0.1	0	0	17394.5	0
364	24	1997	35.56	0	0	0.04	0	0	35.56	0	-0.1	0.1	0	0	17394.5	0
365	24	1997	5.84	0	0	-0.04	0	0	5.91	0	-0.1	0.1	0	0	17394.5	0
1	24	1998	0.25	0	0	0.14	0	0	0.15	0	-0.1	0.1	0	0	17394.6	0
2	24	1998	0	0	0.95	0.03	0	0	-0.97	0	0.9	0.1	0	0	17394.7	0
3	24	1998	1.78	0	19.8	-0.28	0	0	-17.76	0	12.1	0.1	7.66	0	17394.4	0
4	24	1998	5.33	0	11.11	-0.02	0	0	-5.76	0	9.5	0.1	1.55	0	17394.4	0
5	24	1998	0	0	2.66	-0.02	0.07	0	-2.58	0	2.5	0.1	0	0	17394.4	0
6	24	1998	6.86	0	15.71	-0.01	0.02	0	-8.82	0	14.1	0.1	1.5	0	17394.3	0
7	24	1998	14.48	0.2	22.95	-0.06	0	0	-8.61	0	22.0	0.1	0.83	0	17394.3	0
8	24	1998	29.72	0.2	35.14	0.01	0	0	-5.44	0	25.2	0.1	9.83	0	17394.3	0
9	24	1998	2.54	0.17	8.26	0.01	0	0	-5.7	0	8.2	0.1	0	0	17394.3	0
10	24	1998	0	0	5.57	0.36	0.14	0	-5.51	0	5.2	0.1	0	0	17394.7	0
11	24	1998	1.02	0	0	0.5	0	0	0.76	0	-0.3	0.1	0	0	17395.2	-0.01
12	24	1998	0	0	1.07	0.23	0	0	-1	0	-0.4	0.1	1.05	0	17395.4	0
13	24	1998	1.52	0	2.81	0.72	0.12	0	-1.67	0	-0.4	0.1	2.81	0	17396.1	-0.02
14	24	1998	1.02	0	0	0.33	0	0	0.99	0	-0.4	0.1	0	0	17396.4	-0.01
15	24	1998	11.18	0	0	0.25	0	0	11.05	0	-0.2	0.1	0	0	17396.7	0
16	24	1998	6.6	0.01	0	0.02	0	0	6.62	0	-0.1	0.1	0	0	17396.7	0
17	24	1998	2.79	0.01	0	0.06	0	0	2.78	0	-0.1	0.1	0	0	17396.8	0
18	24	1998	2.03	0.04	0	0.05	0	0	1.99	0	-0.1	0.1	0	0	17396.8	0
19	24	1998	0.76	0.01	0	0.06	0	0	0.78	0	-0.1	0.1	0	0	17396.9	0
20	24	1998	0.76	0	0	0.08	0	0	0.77	0	-0.2	0.1	0	0	17396.9	0
21	24	1998	0	0	0	0.04	0	0	0.06	0	-0.2	0.1	0	0	17397	0
22	24	1998	0	0	0	0.04	0	0	0.12	0	-0.3	0.1	0	0	17397	0
23	24	1998	25.4	0	0	0.19	0	0	25.28	0	-0.2	0.1	0	0	17397.2	0
24	24	1998	1.27	0	0	-0.01	0	0	1.29	0	-0.1	0.1	0	0	17397.2	0
25	24	1998	0.51	0	0	0.03	0	0	0.47	0	-0.1	0.1	0	0	17397.2	0
26	24	1998	0	0	0	0.01	0	0	0.05	0	-0.2	0.1	0	0	17397.3	0
27	24	1998	0	0	0	0.08	0	0	-0.01	0	-0.2	0.1	0	0	17397.3	0
28	24	1998	0	0	0	0.09	0	0	-0.04	0	-0.1	0.1	0	0	17397.4	0
29	24	1998	1.52	0	0	0.01	0	0	1.56	0	-0.1	0.1	0	0	17397.4	0
30	24	1998	3.56	0	1.29	-0.2	0	0	2.46	0	-0.1	0.1	1.29	0	17397.2	0
31	24	1998	0	0	0	-0.12	0	0	0.14	0	-0.1	0.1	0	0	17397.1	0
32	24	1998	0	0	0	-0.04	0	0	0.1	0	-0.2	0.1	0	0	17397.1	0
33	24	1998	0	0	0.84	0.15	0	0	-0.98	0	-0.1	0.1	0.84	0	17397.2	0
34	24	1998	0	0	0.69	0.06	0	0	-0.77	0	-0.1	0.1	0.68	0	17397.3	0
35	24	1998	0	0	0.17	0.03	0	0	-0.21	0	-0.1	0.1	0.17	0	17397.3	0
36	24	1998	0	0	0	0.15	0	0	-0.11	0	-0.2	0.1	0	0	17397.4	0
37	24	1998	0	0	0	0.19	0	0	-0.11	0	-0.2	0.1	0	0	17397.6	0
38	24	1998	0	0	0	0.03	0	0	0.04	0	-0.2	0.1	0	0	17397.7	0
39	24	1998	0	0	0.14	0	0	0	-0.1	0	-0.2	0.1	0.14	0	17397.7	0
40	24	1998	0	0	0.56	0.03	0.04	0	-0.52	0	-0.2	0.1	0.56	0	17397.7	0
41	24	1998	0	0	2.25	0.14	0.13	0	-2.23	0	-0.3	0.1	2.25	0	17397.8	0
42	24	1998	1.02	0	6.07	0.19	0.1	0	-5.15	0	-0.2	0.1	6.07	0	17398	0
43	24	1998	7.11	0	16.13	0.02	0.02	0	-9.04	0	-0.1	0.2	16.12	0	17398	0
44	24	1998	0.25	0	0.99	0.35	0	0	-1.05	0	-0.2	0.2	0.98	0	17398.4	-0.01
45	24	1998	0	0	0.19	0.39	0	0	-0.52	0	-0.2	0.2	0.19	0	17398.8	0
46	24	1998	0	0	0.11	0.31	0	0	-0.37	0	-0.2	0.2	0.11	0	17399.1	0
47	24	1998	0	0	0.61	0.38	0	0	-0.98	0	-0.2	0.2	0.61	0	17399.5	0
48	24	1998	10.41	0	9.19	0.78	0	0	0.43	0	-0.1	0.2	9.19	0	17400.3	0
49	24	1998	6.86	0	17.03	0.16	0.05	0	-10.29	0	2.4	0.2	14.46	0	17400.4	0
50	24	1998	7.62	0.29	12.8	0.03	0	0	-5.51	0	5.3	0.2	7.4	0	17400.4	0
51	24	1998	0.51	0.18	5.81	0.05	0	0	-5.24	0	5.6	0.2	0	0	17400.5	0
52	24	1998	0.51	0	2.51	0.38	0	0	-2.2	0	2.3	0.2	0	0	17400.9	0
53	24	1998	0	0	1.51	0.17	0	0	-1.65	0	1.3	0.2	0	0	17401	-0.01
54	24	1998	0.25	0	3.07	0.45	0.18	0	-3.04	0	2.7	0.2	0	0	17401.5	-0.01
55	24	1998	26.92	0.15	28.14	0.36	0	0	-1.73	0	28.0	0.2	0	0	17401.9	0
56	24	1998	3.05	0	12.57	0.96	0.09	0	-10	0	12.1	0.2	0	0	17402.8	-0.01
57	24	1998	0	0	0	1	0	0	0	0	-1.2	0.2	0	0	17403.8	-0.02
58	24	1998	0	0	0	0.7	0.22	0	0	0	-0.9	0.2	0	0	17404.5	0.01
59	24	1998	15.24	0.08	0	0.6	0	0	0	0	14.3	0.2	0	0	17405.1	0.01
60	24	1998	0	0	0	0.75	0.18	0	0	0	-0.9	0.2	0	0	17405.9	-0.02
61	24	1998	0.51	0	0	0.65	0.17	0	0	0	-0.4	0.2	0	0	17406.5	-0.01
62	24	1998	0.51	0	0	0.49	0	0	0	0	-0.2	0.2	0	0	17407	-0.01
63	24	1998	1.27	0	0	0.99	0	0	0	0	0.1	0.2	0	0	17408	-0.02
64	24	1998	1.52	0	0	1.07	0	0	0	0	0.3	0.2	0	0	17409.1	-0.03
65	24	1998	0	0	0	0.71	0	0	0	0	-0.9	0.2	0	0	17409.8	0
66	24	1998	0	0	0	1.34	0.23	0	0	0	-1.6	0.2	0	0	17411.1	0
67	24	1998	12.45	0	0	1.52	0.04	0	0	0	10.7	0.2	0	0	17412.6	-0.02
68	24	1998	11.18	0	0	1.84	0.4	0	0	0	9.1	0.3	0	0	17414.5	0
69	24	1998	3.81	0	2.47	2.27	0.17	0	0	0	1.3	0.3	0	0	17416.8	-0.01
70	24	1998	0.51	0	0.38	2.09	0	0	0	0	-2.2	0.3	0	0.38	17418.8	-0.04
71	24	1998	1.27	0	0	0.81	0	0	1.36	0	-0.8	0.3	0	0	17419.7	0
72	24	1998	0	0	0	0.3	0	0	0.04	0	-0.6	0.3	0	0	17420	0
73	24	1998	2.03	0	0.74	0.74	0	0	0.69	0	-0.4	0.3	0.74	0	17420.7	0
74	24	1998	0.25	0	0	0.32	0	0	0.23	0	-0.6	0.3	0	0	17421	-0.01
75	24	1998	0	0	0.25	0.25	0	0	-0.12	0	-0.7	0.3	0.25	0	17421.3	0
76	24	1998	0	0	1.43	0.47	0.24	0	-1.3	0	-0.9	0.3	1.43	0	17421.7	0
77	24	1998	4.57	0.01	4.69	0.49	0	0	-0.9	0	0.1	0.4	4.53	0	17422.2	0
78	24	1998	3.05	0.18	0	0.1	0	0	0	0	2.3	0.4	0.15	0	17422.3	0
79	24	1998	0.25	0	0	0.61	0	0	0	0	-0.6	0.4	0	0	17422.9	-0.02
80	24	1998	24.64	0.05	0.65	0.26	0	0	23.74	0	0.2	0.4	0	0	17423.2	0
81	24	1998	3.56	0	0.13	0.41	0	0	3.09	0	-0.3	0.4	0	0	17423.6	0
82	24	1998	0.51	0	0.78	0.36	0	0	-0.6	0	0.3	0.5	0	0	17424	0
83	24	1998	0	0	2.17	0.26	0	0	-2.38	0	1.6	0.5	0	0	17424.2	0
84	24	1998	0	0	6.33	0.54	0.41	0	-6.35	0	5.3	0.5	0	0	17424.8	0
85	24	1998	0	0	17.71	0.75	0.99	0	-17.5	0	16.2	0.5	0	0	17425.5	0
86	24	1998	0	0	0	2.28	1.19	0	0	0	-2.8	0.5	0	0	17427.8	0
87	24	1998	2.79	0	0	3.65	1.2	0	0	0	-1.4	0.6	0	0	17431.5	-0.02
88	24	1998	0	0	0	2.49	0.6	0	0	0	-3.0	0.6	0	0	17433.9	-0.04
89	24	1998	0	0	0	3.92	1.51	0	0	0	-4.5	0.6	0	0	17437.9	-0.04
90	24	1998	0	0	0	4.29	1.71	0	0	0	-4.9	0.6	0	0	17442.2	-0.02
91	24	1998	17.53	0	0	1.47	0.28	0	0	0	15.5	0.6	0	0	17443.6	-0.03
92	24	1998	0.76	0	0	2.38	0.43	0	0	0	-2.2	0.6	0	0	17446	-0.04

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
93	24	1998	1.52	0	0	2.34	0.31	0	0	0	-1.4	0.7	0	0	17448.4	-0.03
94	24	1998	0	0	0	1.78	0.19	0	0	0	-2.4	0.7	0	0	17450.1	-0.02
95	24	1998	0	0	0	3.54	0.55	0	0	0	-4.2	0.7	0	0	17453.7	-0.01
96	24	1998	0	0	0	3.91	0.76	0	0	0	-4.6	0.7	0	0	17457.6	-0.02
97	24	1998	0	0	0	3.55	0.9	0	0	0	-4.3	0.7	0	0	17461.1	-0.01
98	24	1998	4.32	0	0	1.72	0.19	0	0	0	1.9	0.7	0	0	17462.9	-0.02
99	24	1998	1.02	0	0	1.32	0.26	0	0	0	-1.1	0.8	0	0	17464.2	-0.01
100	24	1998	0	0	0	3.9	0.78	0	0	0	-4.7	0.8	0	0	17468.1	-0.01
101	24	1998	0	0	0	3.21	0.83	0	0	0	-4.0	0.8	0	0	17471.3	-0.01
102	24	1998	0	0	0	3.37	0.99	0	0	0	-4.2	0.8	0	0	17474.7	0
103	24	1998	0	0	0	3.67	1.25	0	0	0	-4.5	0.8	0	0	17478.3	-0.01
104	24	1998	0	0	0	3.99	1.44	0	0	0	-4.9	0.9	0	0	17482.3	-0.01
105	24	1998	1.02	0	0	0.84	0.18	0	0	0	-0.7	0.9	0	0	17483.2	-0.01
106	24	1998	1.27	0	0	1.72	0.49	0	0	0	-1.3	0.9	0	0	17484.9	-0.03
107	24	1998	4.57	0	0	2.51	0.56	0	0	0	1.2	0.9	0	0	17487.4	-0.03
108	24	1998	0	0	0	4.72	1.18	0	0	0	-5.6	0.9	0	0	17492.1	-0.03
109	24	1998	13.72	0	0	1.61	0.18	0	0	0	11.2	1.0	0	0	17493.7	0
110	24	1998	3.3	0	0	3.51	0.62	0	0	0	-1.1	1.0	0	0	17497.2	-0.03
111	24	1998	0	0	0	4.37	1.24	0	0	0	-5.3	1.0	0	0	17501.6	-0.02
112	24	1998	0	0	0	3.95	1.25	0	0	0	-4.9	1.0	0	0	17505.5	-0.01
113	24	1998	0	0	0	3.17	1.16	0	0	0	-4.2	1.0	0	0	17508.7	0
114	24	1998	1.02	0	0	4.5	1.23	0	0	0	-4.5	1.0	0	0	17513.2	-0.01
115	24	1998	3.05	0	0	4.41	0.58	0	0	0	-2.3	1.0	0	0	17517.6	-0.03
116	24	1998	0	0	0	2.13	0.59	0	0	0	-3.1	1.0	0	0	17519.8	-0.02
117	24	1998	0	0	0	3.48	0.65	0	0	0	-4.5	1.0	0	0	17523.2	-0.01
118	24	1998	0	0	0	4.07	0.98	0	0	0	-5.1	1.0	0	0	17527.3	-0.01
119	24	1998	0	0	0	3.99	1.31	0	0	0	-5.0	1.0	0	0	17531.3	-0.02
120	24	1998	0	0	0	4.24	1.47	0	0	0	-5.2	1.0	0	0	17535.5	-0.01
121	24	1998	1.27	0	0	2.31	0.78	0	0	0	-2.0	1.0	0	0	17537.8	-0.01
122	24	1998	1.78	0	0	2.04	0.42	0	0	0	-1.2	1.0	0	0	17539.9	0
123	24	1998	1.02	0	0	1.72	0.52	0	0	0	-1.7	1.0	0	0	17541.6	-0.02
124	24	1998	3.56	0	0	1.86	0.27	0	0	0	0.8	1.0	0	0	17543.5	-0.05
125	24	1998	0.51	0	0	2.97	1.02	0	0	0	-3.4	1.0	0	0	17546.4	-0.03
126	24	1998	0.25	0	0	3.23	1.14	0	0	0	-3.9	1.0	0	0	17549.7	-0.03
127	24	1998	0	0	0	4.83	1.54	0	0	0	-5.7	1.0	0	0	17554.5	-0.04
128	24	1998	0	0	0	2.52	0.96	0	0	0	-3.5	0.9	0	0	17557	-0.01
129	24	1998	3.56	0	0	2.35	0.46	0	0	0	0.3	0.9	0	0	17559.4	-0.02
130	24	1998	18.29	0	0	1.55	0.06	0	0	0	15.8	0.9	0	0	17560.9	-0.03
131	24	1998	15.24	0	0	2.54	0.38	0	0	0	11.8	0.9	0	0	17563.5	-0.03
132	24	1998	0	0	0	5.03	1.32	0	0	0	-5.9	0.9	0	0	17568.5	-0.04
133	24	1998	0	0	0	5.4	1.74	0	0	0	-6.3	0.9	0	0	17573.9	-0.01
134	24	1998	0	0	0	5.04	1.8	0	0	0	-5.9	0.9	0	0	17578.9	-0.01
135	24	1998	0	0	0	4.85	1.73	0	0	0	-5.7	0.9	0	0	17583.8	-0.01
136	24	1998	0	0	0	5.21	1.98	0	0	0	-6.0	0.9	0	0	17589	-0.03
137	24	1998	0.25	0	0	6.73	2.14	0	0	0	-7.3	0.9	0	0	17595.7	-0.02
138	24	1998	0	0	0	5.03	1.79	0	0	0	-5.8	0.8	0	0	17600.8	-0.03
139	24	1998	0	0	0	4.27	1.64	0	0	0	-5.1	0.8	0	0	17605	-0.02
140	24	1998	0	0	0	6.28	2.07	0	0	0	-7.1	0.8	0	0	17611.3	-0.02
141	24	1998	0	0	0	3.42	0.97	0	0	0	-4.2	0.8	0	0	17614.7	-0.04
142	24	1998	0	0	0	3.33	1.12	0	0	0	-4.1	0.8	0	0	17618.1	-0.02
143	24	1998	0	0	0	5.26	1.72	0	0	0	-6.1	0.8	0	0	17623.3	-0.01
144	24	1998	0	0	0	4.09	2.57	0	0	0	-4.9	0.8	0	0	17627.4	0
145	24	1998	0	0	0	2.63	2.59	0	0	0	-3.4	0.8	0	0	17630	-0.01
146	24	1998	0	0	0	2.44	2.43	0	0	0	-3.2	0.8	0	0	17632.5	0
147	24	1998	0	0	0	3.05	2.78	0	0	0	-3.8	0.8	0	0	17635.5	-0.01
148	24	1998	0	0	0	3.3	3.2	0	0	0	-4.0	0.7	0	0	17638.8	-0.01
149	24	1998	5.33	0	0	4.74	1.83	0	0	0	-0.1	0.7	0	0	17643.6	-0.02
150	24	1998	0	0	0	4.94	2.35	0	0	0	-5.7	0.7	0	0	17648.5	-0.02
151	24	1998	9.14	0	0	3.28	1.28	0	0	0	5.2	0.7	0	0	17651.8	-0.02
152	24	1998	0	0	0	3.59	0.98	0	0	0	-4.3	0.7	0	0	17655.4	-0.02
153	24	1998	2.29	0	0	3.12	0.88	0	0	0	-1.5	0.7	0	0	17658.5	-0.02
154	24	1998	0	0	0	4.8	1.3	0	0	0	-5.5	0.7	0	0	17663.3	-0.01
155	24	1998	0	0	0	3.78	1.67	0	0	0	-4.5	0.7	0	0	17667.1	0
156	24	1998	0	0	0	2.12	1.95	0	0	0	-2.8	0.7	0	0	17669.2	0
157	24	1998	0	0	0	2.22	2.15	0	0	0	-2.9	0.7	0	0	17671.4	0
158	24	1998	0	0	0	1.03	1.19	0	0	0	-1.7	0.7	0	0	17672.4	0
159	24	1998	0.25	0	0	1.86	1.56	0	0	0	-2.3	0.7	0	0	17674.3	0
160	24	1998	0	0	0	2.88	2.54	0	0	0	-3.5	0.6	0	0	17677.2	-0.01
161	24	1998	0	0	0	2.26	2.26	0	0	0	-2.9	0.6	0	0	17679.4	0
162	24	1998	0.25	0	0	0.63	0.88	0	0	0	-1.0	0.6	0	0	17680.1	0
163	24	1998	13.72	0	0	2.72	0.84	0	0	0	10.4	0.6	0	0	17682.8	-0.01
164	24	1998	4.57	0	0	3.63	0.91	0	0	0	0.3	0.6	0	0	17686.4	0
165	24	1998	5.59	0	0	1.97	0.15	0	0	0	3.1	0.6	0	0	17688.4	-0.03
166	24	1998	0.25	0	0	3.97	1.47	0	0	0	-4.3	0.6	0	0	17692.4	-0.03
167	24	1998	5.59	0	0	4.19	1.19	0	0	0	0.8	0.6	0	0	17696.6	-0.01
168	24	1998	32	0	0	2.78	0.61	0	0	0	28.7	0.6	0	0	17699.4	-0.01
169	24	1998	2.03	0	0	4.39	1.24	0	0	0	-2.9	0.6	0	0	17703.7	-0.03
170	24	1998	0	0	0	5.21	2.02	0	0	0	-5.8	0.6	0	0	17709	0
171	24	1998	0	0	0	5.54	2.05	0	0	0	-6.1	0.6	0	0	17714.5	-0.02
172	24	1998	0	0	0	5.44	2.16	0	0	0	-6.0	0.6	0	0	17719.9	-0.01
173	24	1998	0	0	0	4.07	1.83	0	0	0	-4.6	0.6	0	0	17724	-0.01
174	24	1998	2.54	0	0	2.88	0.7	0	0	0	-0.9	0.5	0	0	17726.9	-0.03
175	24	1998	0	0	0	5.24	2.1	0	0	0	-5.7	0.5	0	0	17732.1	-0.03
176	24	1998	5.33	0	0	4.32	1.39	0	0	0	0.5	0.5	0	0	17736.4	-0.01
177	24	1998	23.88	0	0	4.48	1.5	0	0	0	18.9	0.5	0	0	17740.9	-0.02
178	24	1998	2.54	0	0	4.61	1.19	0	0	0	-2.6	0.5	0	0	17745.5	-0.03
179	24	1998	5.59	0	0	5.55	1.57	0	0	0	-0.5	0.5	0	0	17751.1	-0.02
180	24	1998	6.6	0	0	4.8	1.47	0	0	0	1.3	0.5	0	0	17755.9	-0.03
181	24	1998	4.32	0	0	3.71	0.93	0	0	0	0.1	0.5	0	0	17759.6	-0.03
182	24	1998	1.27	0	0	2.58	0.49	0	0	0	-1.7	0.5	0	0	17762.2	-0.05
183	24	1998	0	0	0	5.41	2.03	0	0	0	-5.9	0.5	0	0	17767.6	-0.01
184	24	1998	0	0	0	5.59	2.13	0	0	0	-6.1	0.5	0	0	17773.2	-0.01
185	24	1998	23.88	0.05	0	1.44	0.05	0	0	0	21.9	0.5	0	0	17774.6	-0.01
186	24	1998	0	0	0	4.84	1.75	0	0	0	-5.2	0.5	0	0	17779.4	-0.01
187	24	1998	0	0	0	4.47	1.86	0	0	0	-4.9	0.5	0	0	17783.9	-0.02
188	24	1998	9.4	0	0	1.66	0.14	0	0	0	7.3	0.5	0	0	17785.6	-0.01
189	24	1998	12.19	0	0	1.81	0.18	0	0	0	10.0	0.5	0	0	17787.4	-0.02
190	24	1998	0	0	0	4.22	1.78	0	0	0	-4.7	0.4	0	0	17791.6	-0.01
191	24	1998	7.37	0	0	5.83	1.4	0	0	0	1.1	0.4	0	0	17797.4	-0.03
192	24	1998	0	0	0	6.21	2.18	0	0	0	-6.6	0.4	0	0	17803.6	-0.03
193	24	1998	0	0	0	6.05	2.38	0	0	0	-6.5	0.4	0	0	17809.7	-0.01
194	24	1998	0	0	0	5.52	2.31	0	0	0	-5.9	0.4	0	0	17815.2	-0.01
195	24	1998	0	0	0	4.65	2.06	0	0	0	-5.1	0.4	0	0	17819.8	0
196	24	1998	0	0	0	5.63	2.4	0	0	0	-6.0	0.4	0	0	17825.5	-0.03
197	24	1998	1.27	0	0	5.87	2.17	0	0	0	-5.0	0.4	0	0	17831.3	-0.01
198	24	1998	0	0	0	4.76	1.96	0	0	0	-5.1	0.4	0	0	17836.1	-0.02
199	24	1998	0	0	0	5.62	2.21	0	0	0	-6.0	0.4	0	0	17841.7	-0.02
200	24	1998	0	0	0	5.3	2.65	0	0	0	-5.7	0.4	0	0	17847	-0.02
201	24	1998	7.11	0	0	5.34	2.01	0	0	0	1.4	0.4	0	0	17852.4	0
202	24	1998	0	0	0	4.84	2.25	0	0	0	-5.2	0.4	0	0	17857.2	-0.01
203	24	1998	9.65	0	0	5.16	1.7	0	0	0	4.1	0.4	0	0	17862.4	-0.02
204	24	1998	12.19	0	0	4.42	1.36	0	0	0	7.4	0.4	0	0	17866.8	-0.01
205	24	1998	0	0	0	5.47	2.08	0	0	0	-5.8	0.4	0	0	17872.3	-0.03
206	24	1998	0	0	0	5.32	2	0	0	0	-5.7	0.4	0	0	17877.6	-0.01
207	24	1998	0	0	0	5.1	2.08	0	0	0	-5.5	0.4	0	0	17882.7	0
208	24	1998	0	0	0	5.2	2.42	0	0	0	-5.6	0.4	0	0	17887.9	-0.02
209	24	1998	0	0	0	3.82	3.14	0	0	0	-4.2	0.4	0	0	17891.7	0
210	24	1998	7.87	0	0	5.37	1.73	0	0	0	2.2	0.4	0	0	17897.1	-0.01
211	24	1998	0	0	0	2.13	0.99	0	0	0	-2.5	0.4	0	0	17899.2	-0.01
212	24	1998	0	0	0	4.74	1.83	0	0	0	-5.1	0.4	0	0	17903.9	-0.02
213	24	1998	0	0	0	3.07	2.28	0	0	0	-3.4	0.4	0	0	17907	-0.01
214	24	1998	0	0	0	2.28	2.25	0	0	0	-2.6	0.4	0	0	17909.3	-0.01
215	24	1998	0	0	0	2.16	2.1	0	0	0	-2.5	0.3	0	0	17911.4	-0.01
216	24	1998	0	0	0	1.84	1.86	0	0	0	-2.2	0.3	0	0	17913.3	0
217	24	1998	0	0	0	0.71	0.99	0	0	0	-1.1	0.3	0	0	17914	0
218	24	1998	1.02	0	0	1.15	0.62	0	0	0	-0.5	0.3	0	0	17915.2	-0.01
219	24	1998	0.25	0	0	1.97	1.12	0	0	0	-2.0	0.3	0	0	17917.1	-0.02
220	24	1998	0	0	0	1.86	1.53	0	0	0	-2.2	0.3	0	0	17919	-0.02
221	24	1998	0	0	0	1.21	1.26	0	0	0	-1.5	0.3	0	0	17920.2	-0.01
222	24	1998	27.69	0	0	2.62	0.87	0	0	0	24.8	0.3	0	0	17922.8	-0.01
223	24	1998	1.27	0	0	4.09	1.45	0	0	0	-3.1	0.3	0	0	17926.9	-0.04
224	24	1998	0	0	0	5.23	1.96	0	0	0	-5.5	0.3	0	0	17932.1	-0.02
225	24	1998	0	0	0	4.83	1.91	0	0	0	-5.1	0.3	0	0	17937	-0.02
226	24	1998	0	0	0	3.62	1.69	0	0	0	-3.9	0.3	0	0	17940.6	-0.02
227	24	1998	0	0	0	4.79	2.19	0	0	0	-5.1	0.3	0	0	17945.4	-0.01
228	24	1998	0	0	0	3.21	2.26	0	0	0	-3.5	0.3	0	0	17948.6	-0.01
229	24	1998	0	0	0	1.52	1.7	0	0	0	-1.8	0.3	0	0	17950.1	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
230	24	1998	10.67	0	0	2.21	0.5	0	0	0	8.2	0.3	0	0	17952.3	-0.02
231	24	1998	0	0	0	4.39	1.34	0	0	0	-4.7	0.3	0	0	17956.7	-0.02
232	24	1998	0	0	0	3.89	1.36	0	0	0	-4.2	0.3	0	0	17960.6	-0.01
233	24	1998	0.25	0	0	2.82	1.13	0	0	0	-2.9	0.3	0	0	17963.4	0
234	24	1998	0	0	0	2.39	1.29	0	0	0	-2.7	0.3	0	0	17965.8	-0.02
235	24	1998	0	0	0	0.84	0.96	0	0	0	-1.1	0.3	0	0	17966.6	0
236	24	1998	45.47	0	0	4	1.53	0	0	0	41.2	0.3	0	0	17970.6	-0.02
237	24	1998	31.75	0	0	2.39	0.51	0	0	0	29.1	0.3	0	0	17973	-0.04
238	24	1998	0	0	0	3.9	1.83	0	0	0	-4.2	0.3	0	0	17976.9	-0.02
239	24	1998	0	0	0	4.24	1.97	0	0	0	-4.5	0.3	0	0	17981.2	-0.01
240	24	1998	0	0	0	4.56	2.13	0	0	0	-4.8	0.3	0	0	17985.7	-0.02
241	24	1998	2.79	0	0	2.88	0.73	0	0	0	-0.4	0.3	0	0	17988.6	-0.02
242	24	1998	0	0	0	4.86	2.3	0	0	0	-5.1	0.3	0	0	17993.5	-0.03
243	24	1998	0	0	0	4.19	2.01	0	0	0	-4.4	0.3	0	0	17997.7	-0.02
244	24	1998	0	0	0	3.78	1.88	0	0	0	-4.0	0.3	0	0	18001.5	-0.02
245	24	1998	4.06	0	0	2.81	0.61	0	0	0	1.0	0.3	0	0	18004.3	-0.03
246	24	1998	0	0	0	2.91	1.61	0	0	0	-3.2	0.3	0	0	18007.2	0
247	24	1998	0	0	0	3.44	1.82	0	0	0	-3.7	0.3	0	0	18010.6	-0.01
248	24	1998	0	0	0	4.07	2.13	0	0	0	-4.3	0.3	0	0	18014.7	-0.02
249	24	1998	0	0	0	4.55	2.9	0	0	0	-4.8	0.3	0	0	18019.2	0.01
250	24	1998	26.67	0	0	2.45	0.35	0	0	0	24.0	0.3	0	0	18021.7	-0.05
251	24	1998	9.14	0	0	3.05	0.48	0	0	0	5.9	0.3	0	0	18024.7	-0.02
252	24	1998	10.67	0	0	3.49	0.8	0	0	0	6.9	0.3	0	0	18028.2	-0.01
253	24	1998	0	0	0	3.53	1.85	0	0	0	-3.8	0.3	0	0	18031.8	-0.03
254	24	1998	0	0	0	3.99	2.62	0	0	0	-4.3	0.3	0	0	18035.8	0
255	24	1998	0	0	0	3.12	2.11	0	0	0	-3.4	0.3	0	0	18038.9	0.01
256	24	1998	0	0	0	3.33	2.11	0	0	0	-3.6	0.3	0	0	18042.2	-0.03
257	24	1998	0	0	0	2.73	1.96	0	0	0	-2.9	0.3	0	0	18044.9	-0.04
258	24	1998	2.03	0	0	1.99	0.6	0	0	0	-0.2	0.2	0	0	18046.9	-0.03
259	24	1998	4.32	0	0	3.27	0.58	0	0	0	0.9	0.2	0	0	18050.2	-0.05
260	24	1998	0	0	0	3.3	2.2	0	0	0	-3.5	0.2	0	0	18053.5	-0.04
261	24	1998	0	0	0	3.36	2.35	0	0	0	-3.6	0.2	0	0	18056.9	-0.03
262	24	1998	0	0	0	3.28	2.28	0	0	0	-3.5	0.2	0	0	18060.1	-0.03
263	24	1998	0	0	0	2.8	2.16	0	0	0	-3.0	0.2	0	0	18062.9	-0.02
264	24	1998	3.05	0	0	2.99	0.71	0	0	0	-0.1	0.2	0	0	18065.9	-0.03
265	24	1998	0	0	0	2.54	1.4	0	0	0	-2.7	0.2	0	0	18068.5	-0.03
266	24	1998	0	0	0	3.76	2.15	0	0	0	-4.0	0.2	0	0	18072.2	-0.02
267	24	1998	0	0	0	2.48	1.72	0	0	0	-2.7	0.2	0	0	18074.7	-0.01
268	24	1998	0	0	0	2.13	1.72	0	0	0	-2.3	0.2	0	0	18076.9	-0.02
269	24	1998	0.76	0	0	2.37	1.58	0	0	0	-1.8	0.2	0	0	18079.2	-0.04
270	24	1998	0	0	0	1.62	1.44	0	0	0	-1.8	0.2	0	0	18080.8	-0.03
271	24	1998	0	0	0	3.41	2.09	0	0	0	-3.6	0.2	0	0	18084.3	-0.04
272	24	1998	0	0	0	2.9	2.21	0	0	0	-3.1	0.2	0	0	18087.2	-0.03
273	24	1998	0.51	0	0	1.65	1.09	0	0	0	-1.3	0.2	0	0	18088.8	-0.01
274	24	1998	4.83	0	0	4.35	1.11	0	0	0	0.3	0.2	0	0	18093.2	-0.03
275	24	1998	6.35	0.6	0	2.21	0.12	0	0	0	3.3	0.2	0	0	18095.4	-0.01
276	24	1998	0	0	0	1.53	0.56	0	0	0	-1.1	0.2	0	0	18096.9	-0.01
277	24	1998	0	0	0	2.4	1.91	0	0	0	-2.6	0.2	0	0	18099.3	-0.03
278	24	1998	0	0	0	2.45	1.98	0	0	0	-2.6	0.2	0	0	18101.7	-0.03
279	24	1998	0	0	0	2.67	2.03	0	0	0	-2.9	0.2	0	0	18104.4	-0.02
280	24	1998	1.02	0	0	2.31	1.35	0	0	0	-1.5	0.2	0	0	18106.7	-0.02
281	24	1998	20.07	1.73	0	0.72	0.04	0	0	0	17.4	0.2	0	0	18107.4	-0.01
282	24	1998	0	0.72	0	1.17	0	0	0	0	-0.4	0.2	0	0	18108.6	0
283	24	1998	1.52	0.03	0	1.99	0	0	0	0	0.0	0.2	0	0	18110.6	-0.01
284	24	1998	0	0	0	1.25	0.94	0	0	0	-1.4	0.2	0	0	18111.8	-0.03
285	24	1998	0	0	0	2.09	1.88	0	0	0	-2.3	0.2	0	0	18113.9	-0.02
286	24	1998	9.4	0	0	3.45	0.56	0	0	0	5.8	0.2	0	0	18117.4	-0.05
287	24	1998	4.57	0.74	0	2.37	0.21	0	0	0	1.3	0.2	0	0	18119.7	-0.02
288	24	1998	0.51	0	0	2.19	0.58	0	0	0	-1.1	0.2	0	0	18121.9	-0.02
289	24	1998	0	0	0	1.86	1.61	0	0	0	-2.0	0.2	0	0	18123.8	-0.02
290	24	1998	0	0	0	1.33	1.03	0	0	0	-1.5	0.2	0	0	18125.1	-0.04
291	24	1998	2.29	0	0	3.47	1.67	0	0	0	-1.4	0.2	0	0	18128.6	-0.01
292	24	1998	0	0	0	2.07	1.51	0	0	0	-2.2	0.2	0	0	18130.7	-0.06
293	24	1998	0	0	0	2.63	1.94	0	0	0	-2.8	0.2	0	0	18133.3	-0.04
294	24	1998	4.83	0.86	0	2.48	0.13	0	0	0	1.3	0.2	0	0	18135.8	-0.02
295	24	1998	3.3	1.13	0	2.28	0	0	0	0	0.6	0.2	0	0	18138	-0.01
296	24	1998	0	0	0	3.27	1.82	0	0	0	-2.3	0.2	0	0	18141.1	-0.03
297	24	1998	0	0	0	3.19	2.97	0	0	0	-3.4	0.2	0	0	18144.5	-0.02
298	24	1998	0	0	0	2.16	1.8	0	0	0	-2.3	0.2	0	0	18146.7	-0.02
299	24	1998	0	0	0	1.61	1.41	0	0	0	-1.8	0.2	0	0	18148.3	-0.02
300	24	1998	0	0	0	2.35	2.11	0	0	0	-2.5	0.2	0	0	18150.6	0
301	24	1998	5.59	1.12	0	2.01	0.12	0	0	0	2.3	0.2	0	0	18152.6	-0.01
302	24	1998	0	0	0	2.77	1.06	0	0	0	-1.8	0.2	0	0	18155.4	-0.03
303	24	1998	0	0	0	1.64	1.14	0	0	0	-1.8	0.2	0	0	18157.1	-0.04
304	24	1998	0	0	0	1.13	0.96	0	0	0	-1.3	0.2	0	0	18158.2	-0.02
305	24	1998	0.25	0	0	1.26	0.83	0	0	0	-1.2	0.2	0	0	18159.5	-0.02
306	24	1998	1.02	0	0	1.68	0.44	0	0	0	-0.8	0.2	0	0	18161.1	-0.02
307	24	1998	0	0	0	1.78	1.18	0	0	0	-1.9	0.2	0	0	18162.9	-0.04
308	24	1998	0.25	0	0	1.06	0.38	0	0	0	-1.0	0.2	0	0	18164	-0.03
309	24	1998	0	0	0	0.24	0	0	0	0	-0.4	0.2	0	0	18164.2	0.01
310	24	1998	0.25	0	0	0.51	0	0	0	0	-0.4	0.2	0	0	18164.7	-0.01
311	24	1998	5.59	2.32	0	0.78	0	0	0	0	2.3	0.2	0	0	18165.5	0
312	24	1998	0	1.71	0	0.66	0	0	0	0	-0.2	0.2	0	0	18166.2	0
313	24	1998	0	0.95	0	0.86	0	0	0	0	-0.3	0.2	0	0	18167	0
314	24	1998	6.6	0.36	0	2.8	0	0	0	0	4.2	0.2	0	0	18169.8	-0.01
315	24	1998	6.6	0	0	3.97	0.52	0	0	0	2.8	0.2	0	0	18173.8	-0.02
316	24	1998	0	0	0	2.64	2.06	0	0	0	-2.8	0.2	0	0	18176.4	-0.04
317	24	1998	0.25	0	0	1.22	0.78	0	0	0	-1.1	0.2	0	0	18177.7	-0.01
318	24	1998	0	0	0	1.09	0.86	0	0	0	-1.2	0.2	0	0	18178.7	-0.02
319	24	1998	1.78	0	0	2.12	0.63	0	0	0	-0.5	0.2	0	0	18180.9	0.02
320	24	1998	6.35	1.76	0	1.4	0	0	0	0	3.0	0.2	0	0	18182.3	-0.02
321	24	1998	0.51	1.59	0	0.79	0	0	0	0	-0.3	0.2	0	0	18183.1	-0.01
322	24	1998	0	0.42	0	1.28	0	0	0	0	-0.3	0.2	0	0	18184.3	0
323	24	1998	0	0	0	1.47	0.86	0	0	0	-1.2	0.2	0	0	18185.8	-0.02
324	24	1998	5.59	1.92	0	1.02	0.06	0	0	0	2.5	0.2	0	0	18186.8	0.01
325	24	1998	0.25	0	0	2.47	0	0	0	0	-0.5	0.2	0	0	18189.3	-0.01
326	24	1998	0	0	0	1.28	1.06	0	0	0	-1.4	0.2	0	0	18190.6	-0.02
327	24	1998	0	0	0	2.94	2.87	0	0	0	-3.1	0.2	0	0	18193.5	-0.01
328	24	1998	0.25	0	0	1.8	1.27	0	0	0	-1.7	0.2	0	0	18195.3	-0.01
329	24	1998	0.25	0	0	1.09	0.71	0	0	0	-1.0	0.2	0	0	18196.4	-0.03
330	24	1998	9.65	1.74	0	1.09	0.03	0	0	0	6.6	0.2	0	0	18197.5	0.04
331	24	1998	6.86	1.83	0	1.64	0	0	0	0	5.0	0.2	0	0	18199.1	-0.01
332	24	1998	0	0.59	0	1.35	0	0	0	0	-0.3	0.2	0	0	18200.5	0
333	24	1998	0	0	0	0.68	0	0	0	0	-0.3	0.2	0	0	18201.2	0
334	24	1998	0	0	0	1.94	1.93	0	0	0	-2.1	0.2	0	0	18203.1	0
335	24	1998	2.29	0	0	3.18	1.22	0	0	0	-1.0	0.2	0	0	18206.3	-0.05
336	24	1998	0	0	0	2.35	2.05	0	0	0	-2.5	0.2	0	0	18208.6	-0.03
337	24	1998	0	0	0	1.04	0.96	0	0	0	-1.2	0.2	0	0	18209.7	-0.01
338	24	1998	0	0	0	1.47	1.3	0	0	0	-1.6	0.2	0	0	18211.1	-0.06
339	24	1998	0	0	0	0.59	0.32	0	0	0	-0.7	0.2	0	0	18211.7	-0.04
340	24	1998	0	0	0	0.99	1	0	0	0	-1.1	0.2	0	0	18212.7	-0.01
341	24	1998	0	0	0	2.02	1.76	0	0	0	-2.1	0.2	0	0	18214.7	-0.06
342	24	1998	3.3	1.95	0	0.81	0	0	0	0	0.4	0.2	0	0	18215.5	-0.02
343	24	1998	0	0.33	0	1.8	0	0	0	0	-0.3	0.1	0	0	18217.3	-0.01
344	24	1998	0	0	0	1.51	0.95	0	0	0	-1.3	0.1	0	0	18218.9	-0.02
345	24	1998	3.81	1.97	0	0.85	0	0	0	0	0.9	0.1	0	0	18219.7	-0.01
346	24	1998	0	0	0	2.3	0.1	0	0	0	-0.5	0.1	0	0	18222	-0.01
347	24	1998	0	0	0	0.89	0.71	0	0	0	-1.0	0.1	0	0	18222.9	-0.01
348	24	1998	0	0	0	0.22	0	0	0	0	-0.4	0.1	0	0	18223.1	-0.01
349	24	1998	0	0	0	1.13	0.99	0	0	0	-1.3	0.1	0	0	18224.2	0
350	24	1998	0.76	0.03	0	0.53	0	0	0	0	0.1	0.1	0	0	18224.8	0.01
351	24	1998	5.33	2.07	0.91	0.59	0	0	1.95	0	0.6	0.1	0	0	18225.4	0
352	24	1998	0	1.11	0	1.03	0	0	0.22	0	-0.4	0.1	0	0	18226.4	0
353	24	1998	2.29	1.39	2.11	1.24	0	0	-1.3	0	1.9	0.1	0	0	18227.6	0
354	24	1998	1.52	1.63	0.95	0.91	0	0	-0.87	0	1.1	0.1	0	0	18228.5	0
355	24	1998	7.37	1.49	0	1.12	0	0	0	0	6.3	0.1	0	0	18229.7	-0.01
356	24	1998	9.91	0	0.44	3.26	0.29	0	8.51	0	-0.5	0.1	0	0	18232.9	-0.02
357	24	1998	0	0	0	0.17	0	0	0.12	0	-0.4	0.1	0	0	18233.1	0
358	24	1998	0	0	0	0.13	0	0	0.12	0	-0.4	0.1	0	0	18233.2	0
359	24	1998	0	0	0	0.12	0	0	0.09	0	-0.3	0.1	0	0	18233.3	0
360	24	1998	0	0	0.23	0.14	0	0	-0.2	0	-0.1	0.1	0	0	18233.5	0
361	24	1998	0	0	0.37	0.09	0	0	-0.35	0	0.1	0.1	0	0	18233.6	0
362	24	1998	0	0	1.29	0.04	0	0	-1.25	0	1.1	0.1	0	0	18233.6	0
363	24	1998	3.3	1.75	0.25	0.6	0	0	0.85	0	0.0	0.1	0	0	18234.2	-0.02
364	24	1998	3.56	0.28	0	2.26	0	0	2.94	0	-0.3	0.1	0	0	18236.5	0
365	24	1998	0.76	0.22	0	0.62	0	0	0.38	0	-0.3	0.1	0	0	18237.1	0
1	24	1999	3.56	1.31	0	1.1	0	0	1.52	0	-0.3	0.1	0	0	18238.2	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
2	24	1999	2.79	1.46	0	0.67	0	0	2.1	0	-0.3	0.1	0	0	18238.9	0
3	24	1999	10.92	0.98	0	0.78	0	0	10.67	0	-0.2	0.1	0	0	18239.6	0
4	24	1999	1.27	0	0	1.75	0	0	0.56	0	-0.2	0.1	0	0	18241.4	-0.01
5	24	1999	2.54	0.83	0	0.68	0	0	1.1	0	-0.2	0.1	0	0	18242.1	0
6	24	1999	0.51	0.01	0	1.13	0	0	0.27	0	-0.2	0.1	0	0	18243.2	0
7	24	1999	1.02	0	0	0.68	0	0	0.44	0	-0.2	0.1	0	0	18243.9	-0.01
8	24	1999	10.16	0.74	0	0.8	0	0	8.7	0	-0.2	0.1	0	0	18244.7	0
9	24	1999	8.89	1.1	0	0.27	0	0	8.3	0	-0.2	0.1	0	0	18245	0
10	24	1999	0	0.52	0	0.57	0	0	0.05	0	-0.2	0.1	0	0	18245.5	0
11	24	1999	1.78	0	0	1.46	0	0	0.9	0	-0.2	0.1	0	0	18247	0
12	24	1999	7.87	1.03	0	0.36	0	0	6.54	0	-0.2	0.1	0	0	18247.3	0
13	24	1999	5.08	0.53	0	0.68	0	0	4.95	0	-0.2	0.1	0	0	18248	0
14	24	1999	14.22	0.05	0	0.5	0	0	14.26	0	-0.2	0.1	0	0	18248.5	0
15	24	1999	35.81	0	0	0.12	0	0	35.78	0	-0.2	0.1	0	0	18248.6	0
16	24	1999	0	0	0	0.16	0	0	-0.13	0	-0.2	0.1	0	0	18248.8	0
17	24	1999	0	0	0	0.1	0.11	0	0.03	0	-0.2	0.1	0	0	18248.9	0
18	24	1999	12.45	0	10.94	0.54	0	0	0.96	0	7.1	0.1	3.76	0	18249.4	0
19	24	1999	0.76	0	3.58	0.49	0	0	-3.31	0	3.5	0.1	0	0	18249.9	-0.01
20	24	1999	0	0	0.36	0.05	0	0	-0.41	0	0.3	0.1	0	0	18250	0
21	24	1999	0	0	0	0.01	0	0	-0.01	0	-0.1	0.1	0	0	18250	0
22	24	1999	4.32	0.32	2.69	0.58	0	0	0.71	0	2.6	0.1	0	0	18250.6	0
23	24	1999	0	0	7.65	0.55	0.38	0	-7.49	0	7.2	0.1	0	0	18251.1	-0.01
24	24	1999	6.1	0	12.02	1.16	0.08	0	-7	0	11.8	0.1	0	0	18252.3	-0.01
25	24	1999	1.27	0	1.74	0.63	0	0	-1.09	0	1.6	0.1	0	0	18252.9	-0.01
26	24	1999	0	0	0.02	0.06	0	0	-0.09	0	-0.1	0.1	0	0	18253	0
27	24	1999	0.25	0	0	0.16	0	0	0.1	0	-0.1	0.1	0	0	18253.1	-0.01
28	24	1999	2.03	0.57	0	0.34	0	0	1.15	0	-0.1	0.1	0	0	18253.5	-0.01
29	24	1999	0.25	0	0	0.67	0	0	0.2	0	-0.2	0.1	0	0	18254.1	0
30	24	1999	1.52	0.08	0	0.57	0	0	0.94	0	-0.2	0.1	0	0	18254.7	0
31	24	1999	0	0	0	0.08	0	0	0.05	0	-0.2	0.1	0	0	18254.8	0
32	24	1999	0	0	0	0	0	0	0.06	0	-0.2	0.1	0	0	18254.8	0
33	24	1999	7.62	0.6	5.71	0.48	0	0	0.81	0	5.6	0.1	0	0	18255.3	0.02
34	24	1999	0	0	2.95	1.27	0.67	0	-2.95	0	2.2	0.1	0	0	18256.5	-0.01
35	24	1999	0.25	0	3.08	0.7	0.57	0	-2.97	0	2.4	0.1	0	0	18257.3	0
36	24	1999	0	0	0.76	0.12	0	0	-0.87	0	0.7	0.1	0	0	18257.4	-0.01
37	24	1999	2.03	0.12	0.13	0.85	0	0	0.93	0	0.0	0.1	0	0	18258.2	0
38	24	1999	0.51	0	0.69	0.38	0	0	-0.42	0	0.6	0.1	0	0	18258.6	0
39	24	1999	0	0	0.34	0.02	0	0	-0.33	0	0.2	0.1	0	0	18258.6	-0.01
40	24	1999	0	0	2.04	0.8	0.8	0	-2.01	0	1.1	0.1	0	0	18259.4	0
41	24	1999	0	0	3.89	0.03	0	0	-3.9	0	3.8	0.1	0	0	18259.4	0
42	24	1999	0	0	6.63	1.07	1.09	0	-6.59	0	5.4	0.1	0	0	18260.5	0
43	24	1999	5.84	0	11.31	1.65	0.24	0	-6.86	0	10.9	0.1	0	0	18262.2	0.01
44	24	1999	0.25	0	2.51	0.36	0	0	-2.58	0	2.4	0.1	0	0	18262.5	-0.01
45	24	1999	0.51	0	0.1	0.45	0	0	0.03	0	-0.1	0.1	0	0	18263	-0.01
46	24	1999	0	0	1.75	0.32	0.27	0	-1.73	0	1.3	0.1	0	0	18263.3	0
47	24	1999	0	0	5.01	0.85	0.85	0	-4.99	0	4.0	0.1	0	0	18264.2	0
48	24	1999	6.35	1.03	6.68	0.52	0	0	-1.89	0	6.6	0.1	0	0	18264.7	0
49	24	1999	0.25	0.37	2.86	0.82	0	0	-2.76	0	2.8	0.1	0	0	18265.5	0
50	24	1999	0	0	3.01	0.47	0	0	-3.09	0	2.9	0.1	0	0	18266	0
51	24	1999	0	0	5.64	0.08	0	0	-5.66	0	5.5	0.1	0	0	18266	-0.01
52	24	1999	0	0	3.66	0.29	0	0	-3.86	0	3.5	0.1	0	0	18266.3	0
53	24	1999	0	0	1.66	0.47	0	0	-1.99	0	1.4	0.1	0	0	18266.8	0
54	24	1999	0	0	4.32	0.18	0	0	-4.4	0	0.5	0.1	3.64	0	18267	0
55	24	1999	0	0	3.8	0.25	0	0	-3.99	0	-0.2	0.1	3.8	0	18267.2	0
56	24	1999	0	0	3.17	0.17	0	0	-3.32	0	-0.1	0.1	3.17	0	18267.4	0
57	24	1999	0	0	2.23	0.22	0	0	-2.44	0	-0.1	0.1	2.23	0	18267.6	0
58	24	1999	0	0	2.18	0.74	0.67	0	-2.25	0	-0.8	0.1	2.18	0	18268.4	0
59	24	1999	12.7	0.68	11.96	1.11	0	0	-1.07	0	-0.1	0.1	11.93	0	18269.5	0.01
60	24	1999	8.13	1.16	8.05	0.71	0	0	-1.11	0	1.6	0.1	6.38	0	18270.2	0
61	24	1999	2.79	0	2.68	2.42	0	0	-1.1	0	2.0	0.1	0.55	0	18272.6	0
62	24	1999	6.35	0	8.65	1.79	0	0	-4.09	0	4.1	0.1	4.48	0	18274.4	0
63	24	1999	14.99	0	14.74	1.87	0	0	-1.6	0	2.4	0.1	12.21	0	18276.3	0
64	24	1999	0	0	1.57	0.42	0	0	-1.89	0	0.9	0.1	0.48	0	18276.7	0
65	24	1999	20.83	0.55	0	0.83	0	0	19.54	0	-0.2	0.1	0	0	18277.5	0
66	24	1999	0.25	0	0	0.7	0	0	0.12	0	-0.1	0.1	0	0	18278.2	0
67	24	1999	0	0	0	0.08	0	0	-0.05	0	-0.1	0.1	0	0	18278.3	0
68	24	1999	0	0	0	0.09	0	0	-0.06	0	-0.1	0.1	0	0	18278.4	0
69	24	1999	0	0	0	0.11	0	0	-0.07	0	-0.1	0.1	0	0	18278.5	0
70	24	1999	0	0	0	0.14	0	0	-0.11	0	-0.1	0.1	0	0	18278.6	0
71	24	1999	5.84	0.43	0	0.91	0	0	4.53	0	-0.1	0.1	0	0	18279.5	0
72	24	1999	0	0	0	0.46	0	0	-0.03	0	-0.1	0.1	0	0	18280	0
73	24	1999	0	0	0.71	0.02	0	0	-0.73	0	-0.1	0.1	0.71	0	18280	0
74	24	1999	0	0	2.07	0.02	0	0	-2.09	0	-0.1	0.1	2.07	0	18280	0
75	24	1999	0	0	3.15	0.82	0.79	0	-3.18	0	-0.9	0.1	3.15	0	18280.8	0
76	24	1999	0	0	7.22	1.96	1.98	0	-7.22	0	-2.0	0.1	7.13	0	18282.8	0
77	24	1999	0.76	0	9.38	1.76	1.35	0	-9.03	0	1.8	0.1	6.19	0	18284.6	0
78	24	1999	0.25	0	3.62	0.24	0	0	-3.57	0	3.5	0.1	0	0	18284.8	-0.01
79	24	1999	0	0	4.83	0.67	0.51	0	-4.91	0	4.0	0.1	0.2	0	18285.5	0
80	24	1999	15.75	0	15.91	1.7	0	0	-1.86	0	6.3	0.1	9.55	0	18287.2	0.01
81	24	1999	13.72	0.41	12.44	1.25	0	0	-0.4	0	12.4	0.1	0	0	18288.4	0.01
82	24	1999	0	0	0.76	0.75	0	0	-1.94	0	1.5	0.1	0	0	18289.2	0
83	24	1999	0	0	0	2.13	1.37	0	0	0	-2.2	0.1	0	0	18291.3	-0.01
84	24	1999	0	0	0	1.33	0	0	0	0	-1.4	0.1	0	0	18292.6	0
85	24	1999	0	0	0	1.69	0.8	0	0	0	-1.8	0.1	0	0	18294.3	-0.01
86	24	1999	0	0	0	2.24	1.5	0	0	0	-2.3	0.1	0	0	18296.6	-0.01
87	24	1999	0	0	0	2.62	1.86	0	0	0	-2.7	0.1	0	0	18299.2	-0.01
88	24	1999	0	0	0	3.57	2.17	0	0	0	-3.7	0.1	0	0	18302.8	-0.02
89	24	1999	0	0	0	3.56	2.17	0	0	0	-3.6	0.1	0	0	18306.3	-0.02
90	24	1999	0	0	0	4.02	2.98	0	0	0	-4.1	0.1	0	0	18310.3	-0.01
91	24	1999	4.06	0.36	0	1.37	0.06	0	0	0	2.2	0.1	0	0	18311.7	0.01
92	24	1999	0	0	0	1.36	0.78	0	0	0	-1.1	0.1	0	0	18313.1	-0.01
93	24	1999	1.52	0	0	2.11	1.05	0	0	0	-0.7	0.1	0	0	18315.2	0.01
94	24	1999	3.56	0	0	4.35	1.04	0	0	0	-0.9	0.1	0	0	18319.5	-0.02
95	24	1999	0	0	0	3.21	1.83	0	0	0	-3.3	0.1	0	0	18322.7	-0.02
96	24	1999	1.52	0	0	4.11	2.19	0	0	0	-2.7	0.1	0	0	18326.8	-0.01
97	24	1999	0	0	0	3.79	2.26	0	0	0	-3.9	0.1	0	0	18330.6	-0.01
98	24	1999	0.76	0	0	4.88	2.7	0	0	0	-4.2	0.1	0	0	18335.5	-0.01
99	24	1999	0	0	0	1.43	0.63	0	0	0	-1.5	0.1	0	0	18336.9	-0.02
100	24	1999	0	0	0	3.28	1.36	0	0	0	-3.4	0.1	0	0	18340.2	-0.02
101	24	1999	6.1	0	0	2.52	0.35	0	0	0	3.5	0.1	0	0	18342.7	-0.01
102	24	1999	0.25	0	0	3.48	1.53	0	0	0	-3.3	0.1	0	0	18346.2	-0.02
103	24	1999	0	0	0	4.22	2.07	0	0	0	-4.3	0.1	0	0	18350.4	-0.03
104	24	1999	0	0	0	4.46	2.37	0	0	0	-4.6	0.1	0	0	18354.9	0
105	24	1999	0	0	0	3.54	2	0	0	0	-3.7	0.1	0	0	18358.4	-0.01
106	24	1999	10.16	0.06	0	1.73	0	0	0	0	8.2	0.1	0	0	18360.2	0.01
107	24	1999	2.79	0	0	2.48	0.37	0	0	0	0.3	0.1	0	0	18362.7	-0.02
108	24	1999	0	0	0	2.73	1.51	0	0	0	-2.8	0.1	0	0	18365.4	-0.03
109	24	1999	0.51	0	0	1.67	0.72	0	0	0	-1.3	0.1	0	0	18367.1	-0.01
110	24	1999	0	0	0	2.76	1.49	0	0	0	-2.9	0.1	0	0	18369.8	-0.01
111	24	1999	0	0	0	3.65	1.96	0	0	0	-3.8	0.1	0	0	18373.5	-0.01
112	24	1999	9.14	0.43	0	1.31	0.08	0	0	0	7.3	0.1	0	0	18374.8	0.01
113	24	1999	4.06	0	0	2.6	0.16	0	0	0	1.8	0.1	0	0	18377.4	-0.01
114	24	1999	0	0	0	3.91	1.45	0	0	0	-4.0	0.1	0	0	18381.3	-0.01
115	24	1999	0	0	0	3.97	1.97	0	0	0	-4.1	0.1	0	0	18385.3	0
116	24	1999	0	0	0	5.21	2.81	0	0	0	-5.3	0.1	0	0	18390.5	-0.02
117	24	1999	0	0	0	4.15	1.94	0	0	0	-4.3	0.1	0	0	18394.6	-0.01
118	24	1999	0	0	0	4.15	2.05	0	0	0	-4.3	0.1	0	0	18398.8	-0.01
119	24	1999	0	0	0	4.64	2.43	0	0	0	-4.8	0.2	0	0	18403.4	-0.02
120	24	1999	0	0	0	4.79	2.57	0	0	0	-4.9	0.2	0	0	18408.2	-0.01
121	24	1999	0	0	0	4.73	2.61	0	0	0	-4.9	0.2	0	0	18412.9	-0.01
122	24	1999	0	0	0	5.28	2.93	0	0	0	-5.4	0.2	0	0	18418.2	-0.01
123	24	1999	0	0	0	4.98	2.79	0	0	0	-5.1	0.2	0	0	18423.2	-0.01
124	24	1999	0	0	0	3.72	2.32	0	0	0	-3.9	0.2	0	0	18426.9	0.01
125	24	1999	0	0	0	4.23	2.83	0	0	0	-4.4	0.2	0	0	18431.1	-0.01
126	24	1999	0	0	0	2.87	2.78	0	0	0	-3.0	0.2	0	0	18434	-0.01
127	24	1999	0	0	0	1.58	1.84	0	0	0	-1.7	0.2	0	0	18435.6	0
128	24	1999	2.03	0	0	1.94	0.78	0	0	0	0.0	0.2	0	0	18437.5	-0.02
129	24	1999	4.06	0	0	2.36	0.42	0	0	0	1.6	0.2	0	0	18439.9	-0.03
130	24	1999	0	0	0	4.16	1.76	0	0	0	-4.3	0.2	0	0	18444	-0.02
131	24	1999	0	0	0	3.75	2.17	0	0	0	-3.9	0.2	0	0	18447.8	-0.01
132	24	1999	0	0	0	2.66	2.4	0	0	0	-2.8	0.2	0	0	18450.5	-0.01
133	24	1999	0	0	0	2.1	2.11	0	0	0	-2.3	0.2	0	0	18452.6	-0.01
134	24	1999	0	0	0	2.33	2.29	0	0	0	-2.5	0.2	0	0	18454.9	-0.01
135	24	1999	0	0	0	1.68	1.75	0	0	0	-1.8	0.2	0	0	18456.6	0
136	24	1999	0	0	0	2.21	2.01	0	0	0	-2.4	0.2	0	0	18458.8	-0.02
137	24	1999	0	0	0	1.49	1.6	0	0	0	-1.7	0.2	0	0	18460.3	-0.01
138	24	1999	0	0	0	1.36	1.44	0	0	0	-1.5	0.2	0	0	18461.6	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
139	24	1999	2.29	0	0	1.67	0.37	0	0	0	0.5	0.2	0	0	18463.3	-0.01
140	24	1999	0	0	0	2.08	0.94	0	0	0	-2.2	0.2	0	0	18465.4	-0.02
141	24	1999	0	0	0	1.28	1.1	0	0	0	-1.4	0.2	0	0	18466.7	-0.01
142	24	1999	0	0	0	0.78	0.9	0	0	0	-1.0	0.2	0	0	18467.5	0
143	24	1999	0	0	0	0.8	0.88	0	0	0	-1.0	0.2	0	0	18468.3	0
144	24	1999	1.27	0	0	0.85	0.3	0	0	0	0.3	0.2	0	0	18469.1	-0.01
145	24	1999	7.37	0	0	3.29	0.44	0	0	0	3.9	0.2	0	0	18472.4	-0.02
146	24	1999	3.3	0	0	2.6	0.29	0	0	0	0.5	0.2	0	0	18475	0
147	24	1999	0.25	0	0	4.58	0.9	0	0	0	-4.5	0.2	0	0	18479.6	-0.03
148	24	1999	0	0	0	3.57	1.02	0	0	0	-3.7	0.2	0	0	18483.2	-0.01
149	24	1999	0	0	0	1.43	1.14	0	0	0	-1.6	0.2	0	0	18484.6	-0.01
150	24	1999	0	0	0	1.07	1.07	0	0	0	-1.2	0.2	0	0	18485.7	-0.01
151	24	1999	0	0	0	0.96	0.96	0	0	0	-1.1	0.2	0	0	18486.6	-0.01
152	24	1999	0.25	0	0	0.48	0.51	0	0	0	-0.4	0.2	0	0	18487.1	0
153	24	1999	0.25	0	0	1.02	0.73	0	0	0	-0.9	0.2	0	0	18488.1	-0.01
154	24	1999	0	0	0	0.03	0.32	0	0	0	-0.2	0.2	0	0	18488.1	-0.02
155	24	1999	0	0	0	1.47	0.78	0	0	0	-1.6	0.2	0	0	18489.6	-0.01
156	24	1999	0	0	0	0.87	0.8	0	0	0	-1.0	0.2	0	0	18490.5	-0.01
157	24	1999	0	0	0	0.72	0.87	0	0	0	-0.9	0.2	0	0	18491.2	0
158	24	1999	0	0	0	0.62	0.8	0	0	0	-0.8	0.2	0	0	18491.8	0
159	24	1999	0	0	0	0.72	0.66	0	0	0	-0.9	0.2	0	0	18492.5	-0.01
160	24	1999	0	0	0	0.53	0.53	0	0	0	-0.7	0.2	0	0	18493.1	-0.01
161	24	1999	0	0	0	0.76	0.66	0	0	0	-0.9	0.2	0	0	18493.8	-0.01
162	24	1999	0	0	0	0.89	0.74	0	0	0	-1.1	0.2	0	0	18494.7	-0.01
163	24	1999	0	0	0	1.08	0.78	0	0	0	-1.2	0.2	0	0	18495.8	-0.02
164	24	1999	0	0	0	0.28	0.59	0	0	0	-0.5	0.2	0	0	18496.1	0
165	24	1999	9.65	0	0	3.64	1.12	0	0	0	5.9	0.2	0	0	18499.7	-0.03
166	24	1999	0	0	0	3.12	0.4	0	0	0	-3.3	0.2	0	0	18502.8	-0.02
167	24	1999	0	0	0	2.63	0.5	0	0	0	-2.8	0.2	0	0	18505.4	-0.01
168	24	1999	5.08	0	0	2.58	0.15	0	0	0	2.3	0.2	0	0	18508	0.08
169	24	1999	0	0	0	3.34	0.65	0	0	0	-3.5	0.2	0	0	18511.4	-0.02
170	24	1999	0	0	0	2.16	0.74	0	0	0	-2.3	0.2	0	0	18513.5	-0.01
171	24	1999	0	0	0	0.75	0.73	0	0	0	-0.9	0.2	0	0	18514.3	-0.01
172	24	1999	0	0	0	0.93	0.76	0	0	0	-1.1	0.2	0	0	18515.2	-0.02
173	24	1999	0	0	0	0.78	0.72	0	0	0	-0.9	0.2	0	0	18516	-0.02
174	24	1999	0	0	0	0.51	0.59	0	0	0	-0.7	0.2	0	0	18516.5	-0.01
175	24	1999	0	0	0	0.71	0.63	0	0	0	-0.9	0.2	0	0	18517.2	-0.02
176	24	1999	18.03	0	0	2.95	0.68	0	0	0	14.9	0.2	0	0	18520.2	0
177	24	1999	0	0	0	4.57	3.1	0	0	0	-4.7	0.2	0	0	18524.7	-0.02
178	24	1999	1.52	0	0	4.89	2.18	0	0	0	-3.5	0.2	0	0	18529.6	-0.01
179	24	1999	4.32	0	0	3.58	0.74	0	0	0	0.6	0.2	0	0	18533.2	0.01
180	24	1999	6.1	0	0	3.84	1.01	0	0	0	2.1	0.2	0	0	18537	-0.03
181	24	1999	0	0	0	4.34	1.91	0	0	0	-4.5	0.2	0	0	18541.4	-0.03
182	24	1999	0	0	0	2.65	1.25	0	0	0	-2.8	0.2	0	0	18544	-0.03
183	24	1999	3.05	0	0	4.47	0.72	0	0	0	-1.6	0.2	0	0	18548.5	-0.01
184	24	1999	21.34	0	0	5.36	2.03	0	0	0	15.9	0.2	0	0	18553.9	-0.05
185	24	1999	18.29	0	0	5.65	2.56	0	0	0	12.5	0.2	0	0	18559.5	-0.04
186	24	1999	0	0	0	7.24	5.49	0	0	0	-7.4	0.2	0	0	18566.8	-0.03
187	24	1999	3.56	0	0	7.09	3.42	0	0	0	-3.6	0.2	0	0	18573.8	-0.07
188	24	1999	0.76	0	0	7.82	4.67	0	0	0	-7.2	0.2	0	0	18581.7	-0.04
189	24	1999	0	0	0	5.22	3.11	0	0	0	-5.4	0.2	0	0	18586.9	-0.01
190	24	1999	7.87	0	0	2.94	0.22	0	0	0	4.8	0.2	0	0	18589.8	0
191	24	1999	0.76	0	0	3.55	2.11	0	0	0	-2.9	0.2	0	0	18593.4	-0.02
192	24	1999	0	0	0	4.88	2.84	0	0	0	-5.0	0.2	0	0	18598.2	-0.04
193	24	1999	0	0	0	3.85	2.31	0	0	0	-4.0	0.2	0	0	18602.1	-0.03
194	24	1999	0	0	0	3.44	1.81	0	0	0	-3.6	0.2	0	0	18605.5	-0.02
195	24	1999	0	0	0	2.59	1.41	0	0	0	-2.7	0.2	0	0	18608.1	-0.03
196	24	1999	0	0	0	2.14	1.35	0	0	0	-2.3	0.2	0	0	18610.3	-0.02
197	24	1999	0	0	0	1.13	1.1	0	0	0	-1.3	0.2	0	0	18611.4	-0.01
198	24	1999	1.27	0	0	2.06	0.84	0	0	0	-0.9	0.2	0	0	18613.5	-0.02
199	24	1999	0	0	0	0.69	0.7	0	0	0	-0.8	0.2	0	0	18614.1	-0.02
200	24	1999	4.06	0	0	2.67	0.06	0	0	0	1.3	0.2	0	0	18616.8	-0.03
201	24	1999	0	0	0	2.02	0.61	0	0	0	-2.1	0.2	0	0	18618.8	-0.04
202	24	1999	0	0	0	0.91	0.59	0	0	0	-1.0	0.2	0	0	18619.7	-0.03
203	24	1999	0	0	0	0.62	0.62	0	0	0	-0.8	0.2	0	0	18620.4	0
204	24	1999	0	0	0	0.57	0.59	0	0	0	-0.7	0.2	0	0	18620.9	-0.02
205	24	1999	0	0	0	0.37	0.47	0	0	0	-0.5	0.2	0	0	18621.3	0
206	24	1999	0	0	0	0.58	0.48	0	0	0	-0.7	0.2	0	0	18621.9	-0.03
207	24	1999	0	0	0	0.48	0.46	0	0	0	-0.6	0.2	0	0	18622.3	-0.01
208	24	1999	0	0	0	0.67	0.54	0	0	0	-0.8	0.2	0	0	18623	-0.03
209	24	1999	0	0	0	0.64	0.49	0	0	0	-0.8	0.2	0	0	18623.7	-0.03
210	24	1999	0.25	0	0	0.64	0.42	0	0	0	-0.5	0.2	0	0	18624.3	-0.01
211	24	1999	0	0	0	0.37	0.41	0	0	0	-0.5	0.2	0	0	18624.7	-0.02
212	24	1999	3.56	0	0	3.26	0.27	0	0	0	0.3	0.2	0	0	18627.9	-0.12
213	24	1999	0	0	0	0.99	0.38	0	0	0	-1.1	0.2	0	0	18628.9	-0.04
214	24	1999	0	0	0	0.73	0.4	0	0	0	-0.8	0.2	0	0	18629.6	-0.04
215	24	1999	0	0	0	0.53	0.41	0	0	0	-0.7	0.2	0	0	18630.2	-0.03
216	24	1999	3.56	0	0	2.42	0.05	0	0	0	1.0	0.2	0	0	18632.6	0.02
217	24	1999	6.1	0	0	3.46	0.14	0	0	0	2.5	0.2	0	0	18636.1	-0.02
218	24	1999	5.08	0	0	3.66	0.35	0	0	0	1.3	0.2	0	0	18639.7	-0.03
219	24	1999	0	0	0	2.1	0.54	0	0	0	-2.2	0.2	0	0	18641.8	-0.02
220	24	1999	7.11	0	0	3.54	0.62	0	0	0	3.4	0.2	0	0	18645.4	-0.01
221	24	1999	0	0	0	3.14	0.99	0	0	0	-3.3	0.1	0	0	18648.5	-0.03
222	24	1999	0.25	0	0	1.23	0.35	0	0	0	-1.1	0.1	0	0	18649.7	0.01
223	24	1999	0.51	0	0	1.69	0.36	0	0	0	-1.4	0.1	0	0	18651.4	0.09
224	24	1999	0	0	0	1.99	0.5	0	0	0	-2.1	0.1	0	0	18653.4	-0.02
225	24	1999	2.54	0	0	2.05	0.15	0	0	0	0.4	0.1	0	0	18655.5	-0.01
226	24	1999	0.51	0	0	1.42	0.28	0	0	0	-1.0	0.1	0	0	18656.9	-0.03
227	24	1999	0	0	0	1.66	0.45	0	0	0	-1.8	0.1	0	0	18658.5	-0.02
228	24	1999	0	0	0	0.92	0.51	0	0	0	-1.0	0.1	0	0	18659.5	-0.03
229	24	1999	0	0	0	0.29	0.46	0	0	0	-0.4	0.1	0	0	18659.7	-0.01
230	24	1999	0	0	0	0.11	0.27	0	0	0	-0.2	0.1	0	0	18659.9	-0.02
231	24	1999	0	0	0	0.87	0.41	0	0	0	-1.0	0.1	0	0	18660.7	-0.03
232	24	1999	0	0	0	-0.07	0.24	0	0	0	-0.1	0.1	0	0	18660.7	-0.01
233	24	1999	0	0	0	0.51	0.32	0	0	0	-0.6	0.1	0	0	18661.2	-0.02
234	24	1999	0	0	0	0.6	0.41	0	0	0	-0.7	0.1	0	0	18661.8	-0.02
235	24	1999	0	0	0	0.54	0.42	0	0	0	-0.7	0.1	0	0	18662.3	-0.02
236	24	1999	0	0	0	0.23	0.34	0	0	0	-0.4	0.1	0	0	18662.5	-0.01
237	24	1999	0	0	0	0.5	0.36	0	0	0	-0.6	0.1	0	0	18663	-0.02
238	24	1999	0	0	0	0.13	0.27	0	0	0	-0.3	0.1	0	0	18663.2	-0.01
239	24	1999	0.25	0	0	0.26	0.2	0	0	0	-0.1	0.1	0	0	18663.4	0
240	24	1999	0	0	0	0.42	0.3	0	0	0	-0.5	0.1	0	0	18663.8	-0.01
241	24	1999	0	0	0	0.47	0.23	0	0	0	-0.6	0.1	0	0	18664.3	-0.02
242	24	1999	0	0	0	0.38	0.25	0	0	0	-0.5	0.1	0	0	18664.7	-0.01
243	24	1999	0	0	0	0.53	0.34	0	0	0	-0.7	0.1	0	0	18665.2	-0.01
244	24	1999	0	0	0	0.37	0.37	0	0	0	-0.5	0.1	0	0	18665.6	0
245	24	1999	0	0	0	0.37	0.35	0	0	0	-0.5	0.1	0	0	18666	0
246	24	1999	0	0	0	0.29	0.32	0	0	0	-0.4	0.1	0	0	18666.2	0
247	24	1999	0	0	0	0.25	0.29	0	0	0	-0.4	0.1	0	0	18666.5	-0.01
248	24	1999	0.51	0	0	0.76	0.26	0	0	0	-0.4	0.1	0	0	18667.3	0
249	24	1999	0.51	0	0	0.69	0.25	0	0	0	-0.3	0.1	0	0	18667.9	0
250	24	1999	16.76	0	0	2.15	0.59	0	0	0	14.5	0.1	0	0	18670.1	-0.02
251	24	1999	1.78	0	0	3.23	0.7	0	0	0	-1.5	0.1	0	0	18673.3	-0.04
252	24	1999	0	0	0	2.98	0.88	0	0	0	-3.1	0.1	0	0	18676.3	-0.04
253	24	1999	0.25	0	0	2.58	0.32	0	0	0	-2.5	0.1	0	0	18678.9	0.02
254	24	1999	0	0	0	3.04	0.28	0	0	0	-3.1	0.1	0	0	18681.9	-0.03
255	24	1999	0	0	0	2.22	0.36	0	0	0	-2.3	0.1	0	0	18684.1	-0.01
256	24	1999	1.52	0	0	1.8	0.3	0	0	0	-0.4	0.1	0	0	18685.9	-0.01
257	24	1999	12.19	0	0	0.68	0.05	0	0	0	11.4	0.1	0	0	18686.6	-0.02
258	24	1999	0	0	0	2.42	0.49	0	0	0	-2.5	0.1	0	0	18689	0
259	24	1999	58.42	0	0	1.13	0.03	0	0	0	57.2	0.1	0	0	18690.2	-0.02
260	24	1999	4.83	0	0	3.16	0.3	0	0	0	1.6	0.1	0	0	18693.3	-0.05
261	24	1999	0	0	0	2.76	0.47	0	0	0	-2.9	0.1	0	0	18696.1	0
262	24	1999	0	0	0	3.68	0.5	0	0	0	-3.8	0.1	0	0	18699.8	-0.03
263	24	1999	10.67	0	0	3.12	0.33	0	0	0	7.4	0.1	0	0	18702.9	-0.01
264	24	1999	1.27	0	0	1.84	0.06	0	0	0	-0.7	0.1	0	0	18704.7	-0.02
265	24	1999	11.18	0	0	1.35	0.03	0	0	0	9.7	0.1	0	0	18706.1	-0.01
266	24	1999	0	0	0	3.37	0.21	0	0	0	-3.5	0.1	0	0	18709.5	-0.01
267	24	1999	0	0	0	3.57	0.15	0	0	0	-3.7	0.1	0	0	18713	0
268	24	1999	0	0	0	2.93	0.04	0	0	0	-3.1	0.1	0	0	18716	0.01
269	24	1999	0	0	0	3.21	0.03	0	0	0	-3.3	0.1	0	0	18719.2	-0.01
270	24	1999	0	0	0	2.12	0	0	0	0	-2.2	0.1	0	0	18721.3	0
271	24	1999	0	0	0	1.76	0	0	0	0	-1.9	0.1	0	0	18723.1	-0.01
272	24	1999	0	0	0	2.81	0	0	0	0	-2.9	0.1	0	0	18725.9	0
273	24	1999	16	0	0	4.16	0	0	0	0	11.7	0.1	0	0	18730	-0.01
274	24	1999	0	0	0	4.1	0.01	0	0	0	-4.2	0.1	0	0	18734.1	0
275	24	1999	0	0	0	2.62	0.01	0	0	0	-2.7	0.1	0	0	18736.8	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
276	24	1999	0	0	0	2.69	0.01	0	0	0	-2.8	0.1	0	0	18739.4	0
277	24	1999	21.84	0	0	1.37	0	0	0	0	20.4	0.1	0	0	18740.8	0
278	24	1999	0	0	0	2.07	0	0	0	0	-2.2	0.1	0	0	18742.9	0.01
279	24	1999	1.27	0	0	2.12	0.01	0	0	0	-1.0	0.1	0	0	18745	0.01
280	24	1999	0	0	0	2.75	0.01	0	0	0	-2.9	0.1	0	0	18747.7	0
281	24	1999	2.29	0	0	2.86	0.02	0	0	0	-0.7	0.1	0	0	18750.6	0.01
282	24	1999	0.51	0	0	1.97	0.02	0	0	0	-1.6	0.1	0	0	18752.6	0.01
283	24	1999	7.37	0	0	0.47	0	0	0	0	6.8	0.1	0	0	18753	0
284	24	1999	0.51	0	0	3.28	0.02	0	0	0	-2.9	0.1	0	0	18756.3	0.01
285	24	1999	0	0	0	1.92	0.02	0	0	0	-2.0	0.1	0	0	18758.2	0
286	24	1999	17.78	0	0	2.91	0.03	0	0	0	14.8	0.1	0	0	18761.2	0.01
287	24	1999	6.6	0	0	2.76	0.01	0	0	0	3.7	0.1	0	0	18763.9	0
288	24	1999	0	0	0	2.39	0.03	0	0	0	-2.5	0.1	0	0	18766.3	0
289	24	1999	0	0	0	2.84	0.05	0	0	0	-3.0	0.1	0	0	18769.2	0
290	24	1999	0.51	0	0	0.73	0.02	0	0	0	-0.3	0.1	0	0	18769.9	0
291	24	1999	0.76	0	0	1.58	0.01	0	0	0	-0.9	0.1	0	0	18771.5	0
292	24	1999	0	0	0	2.06	0.02	0	0	0	-2.2	0.1	0	0	18773.5	0
293	24	1999	0.25	0	0	1.69	0.02	0	0	0	-1.6	0.1	0	0	18775.2	0
294	24	1999	0	0	0	2.48	0.04	0	0	0	-2.6	0.1	0	0	18777.7	0.01
295	24	1999	2.79	0	0	2.01	0.01	0	0	0	0.7	0.1	0	0	18779.7	0
296	24	1999	5.08	0	0	2.03	0.01	0	0	0	2.9	0.1	0	0	18781.7	0.01
297	24	1999	2.29	0	0	1.83	0.01	0	0	0	0.4	0.1	0	0	18783.6	0
298	24	1999	0.25	0	0	2.21	0.03	0	0	0	-2.1	0.1	0	0	18785.8	0
299	24	1999	0	0	0	2.93	0.06	0	0	0	-3.0	0.1	0	0	18788.7	0
300	24	1999	0.25	0	0	1.3	0.01	0	0	0	-1.1	0.1	0	0	18790	0
301	24	1999	0	0	0	1.63	0.04	0	0	0	-1.7	0.1	0	0	18791.6	0
302	24	1999	0	0	0	1.24	0.05	0	0	0	-1.3	0.1	0	0	18792.9	0
303	24	1999	0	0	0	1.52	0.12	0	0	0	-1.6	0.1	0	0	18794.4	0
304	24	1999	0	0	0	1.48	0.04	0	0	0	-1.6	0.1	0	0	18795.9	0
305	24	1999	0	0	0	1.6	0.07	0	0	0	-1.7	0.1	0	0	18797.5	0
306	24	1999	7.62	0	0	1.58	0.02	0	0	0	5.9	0.1	0	0	18799.1	0
307	24	1999	1.02	0	0	4.61	0.04	0	0	0	-3.7	0.1	0	0	18803.7	0
308	24	1999	0	0	0	4.23	0.04	0	0	0	-4.3	0.1	0	0	18807.9	-0.01
309	24	1999	0	0	0	3.56	0.07	0	0	0	-3.7	0.1	0	0	18811.5	0
310	24	1999	0	0	0	3.07	0.06	0	0	0	-3.2	0.1	0	0	18814.5	0
311	24	1999	0	0	0	2.19	0	0	0	0	-2.3	0.1	0	0	18816.7	-0.01
312	24	1999	0	0	0	0.8	0	0	0	0	-0.9	0.1	0	0	18817.5	0
313	24	1999	0	0	0	1.53	0.09	0	0	0	-1.6	0.1	0	0	18819.1	0
314	24	1999	6.6	0	0	1.05	0.03	0	0	0	5.5	0.1	0	0	18820.1	0
315	24	1999	0	0	0	1.86	0	0	0	0	-2.0	0.1	0	0	18822	0
316	24	1999	0	0	0	0.85	0.04	0	0	0	-0.9	0.1	0	0	18822.8	-0.01
317	24	1999	0.51	0	0	0.42	0.02	0	0	0	0.0	0.1	0	0	18823.2	0
318	24	1999	0.51	0	0	2.02	0.05	0	0	0	-1.6	0.1	0	0	18825.3	0
319	24	1999	0.25	0	0	2.22	0	0	0	0	-2.1	0.1	0	0	18827.5	0
320	24	1999	0.25	0	0.24	1.98	0	0	0	0	-1.8	0.1	0	0	18829.4	-0.01
321	24	1999	0	0	0	1.3	0	0	0	0	-1.4	0.1	0	0	18830.8	-0.01
322	24	1999	0	0	0	1.04	0.06	0	0	0	-1.1	0.1	0	0	18831.8	-0.01
323	24	1999	0	0	0	1.85	0.16	0	0	0	-1.9	0.1	0	0	18833.6	0
324	24	1999	7.62	0	0	0.77	0.02	0	0	0	6.8	0.1	0	0	18834.4	0
325	24	1999	0	0	0	0.62	0.04	0	0	0	-0.7	0.1	0	0	18835	-0.01
326	24	1999	0	0	0	0.58	0.07	0	0	0	-0.7	0.1	0	0	18835.6	0
327	24	1999	0	0	0	0.73	0.08	0	0	0	-0.8	0.1	0	0	18836.3	-0.02
328	24	1999	0	0	0	1.31	0.08	0	0	0	-1.4	0.1	0	0	18837.6	0
329	24	1999	2.03	0	0	0.93	0.01	0	0	0	1.0	0.1	0	0	18838.6	-0.01
330	24	1999	43.94	0	0	0.59	0.02	0	0	0	43.3	0.1	0	0	18839.2	0
331	24	1999	0	0	0	1.64	0.07	0	0	0	-1.7	0.1	0	0	18840.8	0
332	24	1999	3.3	0	0	1.92	0.01	0	0	0	1.3	0.1	0	0	18842.7	0
333	24	1999	6.6	0	0.3	0.16	0	0	6.4	0	0.0	0.1	0	0	18842.9	0
334	24	1999	0	0	0	0.13	0	0	0.25	0	-0.5	0.1	0	0	18843	0
335	24	1999	0	0	0	0.07	0	0	0.42	0	-0.6	0.1	0	0	18843.1	0
336	24	1999	0	0	0.02	0.03	0	0	0.25	0	-0.4	0.1	0	0	18843.1	0
337	24	1999	0	0	2.12	0.02	0.03	0	-2.08	0	2.0	0.1	0	0	18843.1	0
338	24	1999	2.79	0.07	7.54	-0.09	0	0	-5.24	0	8.0	0.1	0	0	18843	0
339	24	1999	1.27	0	0	0.43	0.06	0	0	0	0.8	0.1	0	0	18843.5	0
340	24	1999	1.52	0	0	0.91	0.03	0	0	0	0.5	0.1	0	0	18844.4	-0.01
341	24	1999	0.51	0	0	1.11	0	0	0	0	-0.7	0.1	0	0	18845.5	0
342	24	1999	0	0	0	0.72	0.05	0	0	0	-0.8	0.1	0	0	18846.2	0
343	24	1999	0	0	0	0.44	0.1	0	0	0	-0.5	0.1	0	0	18846.7	0
344	24	1999	4.06	0	0	0.84	0.02	0	0	0	3.1	0.1	0	0	18847.5	0.01
345	24	1999	0	0	0	2.14	0	0	0	0	-2.2	0.1	0	0	18849.6	0
346	24	1999	0	0	0	0.44	0	0	0	0	-0.5	0.1	0	0	18850.1	0
347	24	1999	0	0	0	0.1	0	0	0	0	-0.2	0.1	0	0	18850.2	0
348	24	1999	12.19	0	0	0.53	0	0	0	0	4.9	0.1	6.73	0	18850.7	-0.01
349	24	1999	1.78	0	0	0.31	0.02	0	0	0	1.4	0.1	0	0	18851	0
350	24	1999	0.51	0	0	1.92	0.07	0	0	0	-1.5	0.1	0	0	18852.9	-0.01
351	24	1999	0.25	0	0.23	2.32	0	0	0	0	-2.1	0.1	0	0	18855.2	0
352	24	1999	0.76	0	0	0.2	0	0	1.01	0	-0.5	0.1	0	0	18855.4	-0.01
353	24	1999	0	0	0	0.08	0	0	0.44	0	-0.6	0.1	0	0	18855.5	0
354	24	1999	3.05	0	3.86	0.24	0.02	0	-1.46	0	4.2	0.1	0	0	18855.8	0.01
355	24	1999	0	0	0	1.65	0	0	0	0	-1.7	0.1	0	0	18857.4	-0.01
356	24	1999	0	0	0	1.54	0	0	0	0	-1.6	0.1	0	0	18858.9	-0.02
357	24	1999	0	0	0	1.18	0	0	0	0	-1.3	0.1	0	0	18860.1	-0.02
358	24	1999	2.54	0	0	0.3	0	0	2.51	0	-0.4	0.1	0	0	18860.4	0
359	24	1999	0	0	0	0.03	0	0	0.21	0	-0.3	0.1	0	0	18860.5	0
360	24	1999	1.78	0	0	0.5	0	0	1.38	0	-0.2	0.1	0	0	18861	0
361	24	1999	2.54	0	0	0.11	0	0	2.62	0	-0.3	0.1	0	0	18861.1	0
362	24	1999	0	0	0	0.02	0	0	0.21	0	-0.3	0.1	0	0	18861.1	0
363	24	1999	0	0	0	0.08	0	0	0.07	0	-0.2	0.1	0	0	18861.2	0
364	24	1999	0	0	0.01	0.14	0	0	-0.1	0	-0.1	0.1	0	0	18861.3	0
365	24	1999	0	0	0	0.03	0	0	0.14	0	-0.3	0.1	0	0	18861.3	0
1	24	2000	0	0	0.52	0.15	0.14	0	-0.41	0	0.2	0.1	0	0	18861.5	0
2	24	2000	1.52	0	6.25	0.14	0.08	0	-4.84	0	4.4	0.1	1.74	0	18861.6	0
3	24	2000	14.48	0	16.1	-0.01	0.08	0	-1.8	0	1.5	0.1	14.73	0	18861.6	0
4	24	2000	5.84	0	0	0.84	0.1	0	0	0	5.0	0.1	0	0	18862.5	-0.04
5	24	2000	0	0	0	2.13	0	0	0	0	-2.2	0.1	0	0	18864.6	-0.02
6	24	2000	0	0	0	0.89	0	0	0	0	-1.0	0.1	0	0	18865.5	0
7	24	2000	0	0	0	1.38	0.05	0	0	0	-1.5	0.1	0	0	18866.9	0.01
8	24	2000	0	0	0	1.68	0	0	0	0	-1.8	0.1	0	0	18868.5	-0.01
9	24	2000	1.52	0	0	0.35	0.02	0	0	0	1.1	0.1	0	0	18868.9	0
10	24	2000	11.43	0.03	0	0.12	0	0	0	0	11.2	0.1	0	0	18869	0
11	24	2000	2.54	0	0	1.37	0.05	0	0	0	1.1	0.1	0	0	18870.4	-0.01
12	24	2000	2.29	0	0	0.72	0	0	2.06	0	-0.6	0.1	0	0	18871.1	-0.01
13	24	2000	7.11	0	0	0.27	0	0	7.26	0	-0.5	0.1	0	0	18871.4	0
14	24	2000	0	0	0	0.01	0	0	0.22	0	-0.3	0.1	0	0	18871.4	0
15	24	2000	0	0	0	0.07	0	0	0.23	0	-0.4	0.1	0	0	18871.5	0
16	24	2000	0.76	0	0	0.17	0	0	0.8	0	-0.3	0.1	0	0	18871.6	0
17	24	2000	0.25	0	0	0.06	0	0	0.53	0	-0.4	0.1	0	0	18871.7	0
18	24	2000	0	0	0	0.02	0	0	0.28	0	-0.4	0.1	0	0	18871.7	0
19	24	2000	0	0	0	0.01	0	0	0.25	0	-0.3	0.1	0	0	18871.7	0
20	24	2000	7.11	0	0	-0.02	0	0	7.26	0	-0.2	0.1	0	0	18871.7	0
21	24	2000	1.78	0	0	0.08	0	0	1.79	0	-0.2	0.1	0	0	18871.8	0
22	24	2000	0.76	0	0	-0.06	0	0	0.91	0	-0.2	0.1	0	0	18871.7	0
23	24	2000	0	0	0	0.08	0	0	0.03	0	-0.2	0.1	0	0	18871.8	-0.03
24	24	2000	0	0	0	-0.03	0	0	0.12	0	-0.2	0.1	0	0	18871.8	0
25	24	2000	2.79	0	0	0.01	0	0	2.87	0	-0.2	0.1	0	0	18871.8	0
26	24	2000	1.78	0	0	-0.03	0	0	1.87	0	-0.1	0.1	0	0	18871.7	0
27	24	2000	0	0	0	-0.04	0	0	0.12	0	-0.2	0.1	0	0	18871.7	0
28	24	2000	0.25	0	0	0.03	0	0	0.31	0	-0.2	0.1	0	0	18871.7	0
29	24	2000	0	0	0	-0.01	0	0	0.12	0	-0.2	0.1	0	0	18871.7	0
30	24	2000	5.08	0	0	0.1	0	0	5.07	0	-0.2	0.1	0	0	18871.8	0
31	24	2000	3.81	0	0	0.09	0	0	3.75	0	-0.1	0.1	0	0	18871.9	0
32	24	2000	1.78	0	0	0.21	0	0	1.6	0	-0.1	0.1	0	0	18872.1	0
33	24	2000	1.27	0	0	0.22	0	0	1.11	0	-0.1	0.1	0	0	18872.3	0
34	24	2000	0.51	0	0	0	0	0	0.57	0	-0.1	0.1	0	0	18872.3	0
35	24	2000	0	0	0	0.02	0	0	0.03	0	-0.1	0.1	0	0	18872.4	0
36	24	2000	0.76	0	0	0.29	0	0	0.52	0	-0.1	0.1	0	0	18872.7	0
37	24	2000	0.51	0	0	0.25	0	0	0.32	0	-0.1	0.1	0	0	18872.9	0
38	24	2000	1.02	0	0	0.26	0	0	0.82	0	-0.2	0.1	0	0	18873.2	0
39	24	2000	0	0	0	0.03	0	0	0.07	0	-0.2	0.1	0	0	18873.2	0
40	24	2000	0	0	0.08	0.24	0	0	-0.32	0	-0.1	0.1	0.08	0	18873.4	0
41	24	2000	0.25	0	1.06	-0.04	0	0	-0.78	0	0.0	0.1	1.02	0	18873.4	0
42	24	2000	0.76	0	1.31	0.25	0.01	0	-0.8	0	0.0	0.1	1.24	0	18873.7	0
43	24	2000	0	0	0	0.13	0	0	-0.01	0	-0.2	0.1	0	0	18873.8	0
44	24	2000	3.56	0	0	0.11	0	0	3.53	0	-0.2	0.1	0	0	18873.9	0
45	24	2000	12.7	0	0	0.05	0	0	12.67	0	-0.1	0.1	0	0	18873.9	0
46	24	2000	0	0	0	0.12	0	0	-0.1	0	-0.1	0.1	0	0	18874.1	0
47	24	2000	1.02	0	0	0.36	0	0	0.66	0	-0.1	0.1	0	0	18874.4	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
48	24	2000	0	0	0	0.12	0	0	-0.07	0	-0.1	0.1	0	0	18874.5	0
49	24	2000	5.84	0	0	0.17	0	0	5.72	0	-0.1	0.1	0	0	18874.7	0
50	24	2000	6.1	0	0	0.06	0	0	6.05	0	-0.1	0.1	0	0	18874.8	0
51	24	2000	0.51	0	0	0.47	0	0	0.04	0	-0.1	0.1	0	0	18875.3	0
52	24	2000	3.3	0	0	0.21	0	0	3.1	0	-0.1	0.1	0	0	18875.5	0
53	24	2000	0	0	0.71	0.07	0	0	-0.79	0	0.0	0.1	0.68	0	18875.5	0
54	24	2000	0	0	5.05	0.02	0	0	-5.1	0	0.1	0.1	4.94	0	18875.6	0
55	24	2000	0.25	0	6.79	-0.12	0	0	-6.45	0	0.2	0.1	6.54	0	18875.4	0
56	24	2000	6.6	0	14.72	-0.21	0	0	-7.92	0	0.5	0.1	14.12	0	18875.2	0
57	24	2000	0	0	17.05	-0.42	0.1	0	-16.55	0	0.7	0.1	16.16	0	18874.8	0
58	24	2000	13.21	0	41.01	-0.23	0.27	0	-27.32	0	0.9	0.1	39.73	0	18874.6	0
59	24	2000	2.54	0	8.1	0.34	0.04	0	-6.47	0	0.9	0.1	7.68	0	18874.9	0
60	24	2000	0	0	0	1.44	0.22	0	0	0	-1.5	0.1	0	0	18876.4	-0.01
61	24	2000	0.25	0	0	1.29	0.29	0	0	0	-1.1	0.1	0	0	18877.6	-0.01
62	24	2000	1.78	0	0	1.67	0	0	0	0	0.0	0.1	0	0	18879.3	-0.01
63	24	2000	0.25	0	0.21	2.2	0	0	0	0	-2.0	0.1	0	0	18881.5	-0.01
64	24	2000	0	0	0	1.27	0.19	0	0	0	-1.3	0.1	0	0	18882.8	0
65	24	2000	0	0	0	0.94	0.09	0	0	0	-1.0	0.1	0	0	18883.7	0
66	24	2000	0	0	0	1.81	0.23	0	0	0	-1.9	0.1	0	0	18885.5	0
67	24	2000	0	0	0	0.73	0.39	0	0	0	-0.8	0.1	0	0	18886.2	-0.01
68	24	2000	0	0	0	1.97	0.62	0	0	0	-2.0	0.1	0	0	18888.2	-0.01
69	24	2000	5.33	0	0	2.93	0.57	0	0	0	2.4	0.1	0	0	18891.1	-0.02
70	24	2000	0	0	0	1.63	0	0	0	0	-1.7	0.1	0	0	18892.8	-0.01
71	24	2000	2.54	0.13	0.89	0.41	0	0	1.31	0	0.6	0.1	0	0	18893.2	0.01
72	24	2000	7.11	0	1.05	0.45	0	0	5.94	0	0.8	0.1	0	0	18893.6	-0.01
73	24	2000	0	0	3.05	0.16	0	0	-2.91	0	2.7	0.1	0	0	18893.8	-0.01
74	24	2000	0	0	4.45	0.62	0.32	0	-4.33	0	3.7	0.1	0	0	18894.4	-0.01
75	24	2000	1.27	0	0	1.19	0.18	0	0	0	0.0	0.1	0	0	18895.6	-0.01
76	24	2000	13.97	0	0	1.02	0.1	0	0	0	12.9	0.1	0	0	18896.6	-0.01
77	24	2000	2.54	0	0	1.65	0	0	2.15	0	-1.3	0.1	0	0	18898.3	-0.01
78	24	2000	0	0	0	0.31	0	0	0.18	0	-0.6	0.1	0	0	18898.6	0
79	24	2000	0	0	1.45	1.16	0.36	0	-2.33	0	1.1	0.1	0	0	18899.7	0.03
80	24	2000	0	0	0	3.04	0.59	0	0	0	-3.1	0.1	0	0	18902.8	0
81	24	2000	0	0	0	2.83	0.59	0	0	0	-2.9	0.1	0	0	18905.6	0
82	24	2000	0	0	0	2.94	0.65	0	0	0	-3.0	0.1	0	0	18908.5	-0.02
83	24	2000	0	0	0	1.65	0.45	0	0	0	-1.7	0.1	0	0	18910.2	0
84	24	2000	0	0	0	2.87	0.69	0	0	0	-2.9	0.1	0	0	18913.1	-0.01
85	24	2000	0	0	0	2.78	0.74	0	0	0	-2.8	0.1	0	0	18915.8	-0.02
86	24	2000	0	0	0	4.1	0.45	0	0	0	-4.2	0.1	0	0	18919.9	-0.02
87	24	2000	5.84	0	0	2.93	0.43	0	0	0	2.9	0.1	0	0	18922.9	-0.01
88	24	2000	15.75	0	0	2.21	0.17	0	0	0	13.5	0.1	0	0	18925.1	-0.03
89	24	2000	3.3	0	0	1.8	0.05	0	0	0	1.5	0.1	0	0	18926.9	-0.02
90	24	2000	0.25	0	0	1.92	0.24	0	0	0	-1.7	0.1	0	0	18928.8	-0.03
91	24	2000	0	0	0	2.83	0.38	0	0	0	-2.9	0.1	0	0	18931.6	-0.01
92	24	2000	0	0	0	2.93	0.67	0	0	0	-3.0	0.1	0	0	18934.5	-0.01
93	24	2000	4.83	0.08	0	0.6	0.01	0	0	0	4.1	0.1	0	0	18935.1	-0.01
94	24	2000	12.7	0.08	0	0.74	0	0	0	0	11.9	0.1	0	0	18935.9	0
95	24	2000	14.73	0	0	1.12	0	0	0	0	13.6	0.1	0	0	18937	-0.01
96	24	2000	0	0	0	2.36	0	0	0	0	-2.4	0.1	0	0	18939.4	-0.04
97	24	2000	0.25	0	0	3.13	0.57	0	0	0	-2.9	0.1	0	0	18942.5	-0.01
98	24	2000	3.05	0	0	3.04	0.41	0	0	0	-0.1	0.1	0	0	18945.5	0
99	24	2000	21.34	0	0	1.46	0.14	0	0	0	19.8	0.1	0	0	18947	-0.02
100	24	2000	5.08	0	1.17	1.65	0	0	3.15	0	0.2	0.1	0	0	18948.6	-0.02
101	24	2000	1.02	0	4.11	1.38	0	0	-3.15	0	2.7	0.1	0	0	18950	-0.01
102	24	2000	2.54	0	1.24	1.09	0	0	0	0	1.4	0.1	0	0	18951.1	-0.01
103	24	2000	0.25	0	0	2.86	0.16	0	0	0	-2.7	0.1	0	0	18954	-0.01
104	24	2000	0	0	0	2.92	0.44	0	0	0	-3.0	0.1	0	0	18956.9	0
105	24	2000	0	0	0	4.71	1.02	0	0	0	-4.8	0.1	0	0	18961.6	-0.01
106	24	2000	0	0	0	3.92	1.21	0	0	0	-4.0	0.1	0	0	18965.5	0
107	24	2000	0	0	0	1.85	0.48	0	0	0	-1.9	0.1	0	0	18967.4	-0.03
108	24	2000	3.56	0	0	1.82	0.07	0	0	0	1.7	0.1	0	0	18969.2	-0.02
109	24	2000	8.64	0	0	1.72	0.09	0	0	0	6.9	0.1	0	0	18970.9	-0.01
110	24	2000	0	0	0	1.37	0.43	0	0	0	-1.5	0.1	0	0	18972.3	0
111	24	2000	9.65	0	0	1.91	0.27	0	0	0	7.7	0.1	0	0	18974.2	-0.03
112	24	2000	13.97	0	0	1.36	0.07	0	0	0	12.6	0.1	0	0	18975.6	-0.03
113	24	2000	5.08	0	0	1.61	0.07	0	0	0	3.4	0.1	0	0	18977.2	-0.02
114	24	2000	0	0	0	0.89	0.08	0	0	0	-0.9	0.1	0	0	18978.1	-0.02
115	24	2000	0	0	0	4.22	0.83	0	0	0	-4.3	0.1	0	0	18982.3	-0.01
116	24	2000	0	0	0	4.23	0.81	0	0	0	-4.3	0.1	0	0	18986.5	-0.01
117	24	2000	0	0	0	3.73	0.66	0	0	0	-3.8	0.1	0	0	18990.2	-0.02
118	24	2000	1.02	0	0	1.36	0.2	0	0	0	-0.4	0.1	0	0	18991.6	0
119	24	2000	0	0	0	3.7	0.92	0	0	0	-3.8	0.1	0	0	18995.3	-0.01
120	24	2000	0	0	0	4.52	1.15	0	0	0	-4.6	0.1	0	0	18999.8	-0.02
121	24	2000	0	0	0	5.13	0.87	0	0	0	-5.2	0.1	0	0	19004.9	-0.02
122	24	2000	7.11	0	0	2.33	0.57	0	0	0	4.7	0.1	0	0	19007.3	0
123	24	2000	0	0	0	3.97	0.73	0	0	0	-4.0	0.1	0	0	19011.2	-0.03
124	24	2000	0	0	0	4.38	1.14	0	0	0	-4.5	0.1	0	0	19015.6	-0.01
125	24	2000	0	0	0	4.08	1.18	0	0	0	-4.1	0.1	0	0	19019.7	-0.03
126	24	2000	0	0	0	3.89	1.23	0	0	0	-4.0	0.1	0	0	19023.6	0
127	24	2000	0	0	0	5.05	1.43	0	0	0	-5.1	0.1	0	0	19028.6	-0.03
128	24	2000	0	0	0	6.15	1.62	0	0	0	-6.2	0.1	0	0	19034.8	-0.02
129	24	2000	0.51	0	0	3.85	1.23	0	0	0	-3.4	0.1	0	0	19038.6	-0.01
130	24	2000	0	0	0	4.05	1.23	0	0	0	-4.1	0.1	0	0	19042.7	-0.04
131	24	2000	24.64	0	0	2.42	0.44	0	0	0	22.2	0.1	0	0	19045.1	-0.03
132	24	2000	1.02	0	0	5.08	0.86	0	0	0	-4.1	0.1	0	0	19050.2	-0.04
133	24	2000	17.53	0	0	1.98	0.27	0	0	0	15.5	0.1	0	0	19052.2	-0.01
134	24	2000	23.11	0	0	3.62	0.89	0	0	0	19.4	0.1	0	0	19055.8	-0.01
135	24	2000	0	0	0	3.89	0.77	0	0	0	-4.0	0.1	0	0	19059.7	-0.03
136	24	2000	0	0	0	5.41	1.09	0	0	0	-5.5	0.1	0	0	19065.1	-0.02
137	24	2000	0	0	0	3.9	1.03	0	0	0	-4.0	0.1	0	0	19069	-0.01
138	24	2000	0	0	0	5.26	1.38	0	0	0	-5.3	0.1	0	0	19074.3	-0.01
139	24	2000	12.45	0	0	2.51	0.47	0	0	0	9.9	0.1	0	0	19076.8	-0.01
140	24	2000	4.06	0	0	2.37	0.18	0	0	0	1.6	0.1	0	0	19079.1	-0.05
141	24	2000	1.02	0	0	1.33	0.16	0	0	0	-0.4	0.1	0	0	19080.5	-0.02
142	24	2000	0	0	0	1.16	0.39	0	0	0	-1.3	0.1	0	0	19081.6	0
143	24	2000	3.05	0	0	1.82	0.24	0	0	0	1.2	0.1	0	0	19083.5	-0.05
144	24	2000	3.56	0	0	2.77	0.51	0	0	0	0.7	0.1	0	0	19086.2	-0.03
145	24	2000	19.3	0	0	3.95	0.81	0	0	0	15.3	0.1	0	0	19090.2	-0.03
146	24	2000	2.79	0	0	4.48	0.72	0	0	0	-1.8	0.1	0	0	19094.7	-0.04
147	24	2000	0	0	0	3.98	0.92	0	0	0	-4.1	0.1	0	0	19098.6	-0.03
148	24	2000	0	0	0	4.33	1.04	0	0	0	-4.4	0.1	0	0	19103	0
149	24	2000	0	0	0	2.78	0.79	0	0	0	-2.9	0.1	0	0	19105.8	0
150	24	2000	0	0	0	4.08	1.09	0	0	0	-4.2	0.1	0	0	19109.8	-0.02
151	24	2000	0	0	0	5.28	1.41	0	0	0	-5.4	0.1	0	0	19115.1	-0.03
152	24	2000	0.51	0	0	5.44	1.53	0	0	0	-5.0	0.1	0	0	19120.6	-0.01
153	24	2000	0	0	0	4.19	1.28	0	0	0	-4.3	0.1	0	0	19124.7	-0.01
154	24	2000	12.19	0	0	3.28	0.91	0	0	0	8.8	0.1	0	0	19128	-0.02
155	24	2000	0	0	0	4.05	1	0	0	0	-4.1	0.1	0	0	19132.1	-0.03
156	24	2000	0	0	0	1.6	0.68	0	0	0	-1.7	0.1	0	0	19133.7	-0.02
157	24	2000	6.86	0	0	2.4	0.33	0	0	0	4.4	0.1	0	0	19136.1	-0.03
158	24	2000	8.13	0.03	0	1.53	0.03	0	0	0	6.5	0.1	0	0	19137.6	0
159	24	2000	0	0	0	4.68	1.13	0	0	0	-4.8	0.1	0	0	19142.3	-0.01
160	24	2000	0	0	0	3.59	1.33	0	0	0	-3.7	0.1	0	0	19145.9	-0.01
161	24	2000	0	0	0	2.81	1.01	0	0	0	-2.9	0.1	0	0	19148.7	0
162	24	2000	0	0	0	6.55	1.96	0	0	0	-6.7	0.1	0	0	19155.2	-0.03
163	24	2000	12.95	0	0	3.11	0.71	0	0	0	9.7	0.1	0	0	19158.4	-0.02
164	24	2000	0	0	0	2.57	0.78	0	0	0	-2.7	0.1	0	0	19160.9	-0.03
165	24	2000	33.53	0	0	1.34	0.03	0	0	0	32.1	0.1	0	0	19162.3	0
166	24	2000	1.52	0	0	4.32	1.1	0	0	0	-2.9	0.1	0	0	19166.6	-0.02
167	24	2000	1.52	0	0	5	1.4	0	0	0	-3.6	0.1	0	0	19171.6	-0.01
168	24	2000	1.02	0	0	5.91	1.73	0	0	0	-5.0	0.1	0	0	19177.5	-0.01
169	24	2000	1.02	0	0	3.68	1	0	0	0	-2.8	0.1	0	0	19181.2	-0.02
170	24	2000	1.78	0	0	2.45	0.42	0	0	0	-0.8	0.1	0	0	19183.6	-0.03
171	24	2000	0	0	0	4.24	1.27	0	0	0	-4.4	0.1	0	0	19187.9	-0.01
172	24	2000	0	0	0	5.42	1.63	0	0	0	-5.5	0.1	0	0	19193.3	-0.02
173	24	2000	25.4	0	0	4.44	1.27	0	0	0	20.8	0.1	0	0	19197.7	-0.01
174	24	2000	1.27	0	0	5.88	1.6	0	0	0	-4.7	0.1	0	0	19203.6	-0.03
175	24	2000	0	0	0	4.45	1.24	0	0	0	-4.6	0.1	0	0	19208.1	-0.04
176	24	2000	0	0	0	4.77	1.67	0	0	0	-4.9	0.2	0	0	19212.8	-0.03
177	24	2000	0.25	0	0	3.86	1.33	0	0	0	-3.7	0.2	0	0	19216.7	-0.02
178	24	2000	0	0	0	4.33	1.53	0	0	0	-4.5	0.2	0	0	19221	-0.01
179	24	2000	5.84	0	0	5.73	1.26	0	0	0	0.0	0.2	0	0	19226.8	-0.04
180	24	2000	0	0	0	4.51	1.44	0	0	0	-4.6	0.2	0	0	19231.3	-0.01
181	24	2000	0	0	0	3.51	1.23	0	0	0	-3.7	0.2	0	0	19234.8	-0.02
182	24	2000	0	0	0	5.56	1.49	0	0	0	-5.7	0.2	0	0	19240.3	-0.03
183	24	2000	0	0	0	5.43	1.79	0	0	0	-5.6	0.2	0	0	19245.8	-0.02
184	24	2000	0	0	0	5.99	1.96	0	0	0	-6.1	0.2	0	0	19251.8	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
185	24	2000	10.92	0	0	1.53	0.17	0	0	0	9.2	0.2	0	0	19253.3	0.02
186	24	2000	0.25	0	0	4.01	1.22	0	0	0	-3.9	0.2	0	0	19257.3	-0.04
187	24	2000	0	0	0	5.84	1.49	0	0	0	-6.0	0.2	0	0	19263.1	-0.03
188	24	2000	0	0	0	3.56	1.18	0	0	0	-3.7	0.2	0	0	19266.7	0
189	24	2000	0	0	0	5.27	1.43	0	0	0	-5.4	0.2	0	0	19272	-0.02
190	24	2000	0	0	0	5.47	1.71	0	0	0	-5.6	0.2	0	0	19277.4	-0.01
191	24	2000	2.54	0	0	2.88	0.7	0	0	0	-0.5	0.2	0	0	19280.3	-0.02
192	24	2000	0	0	0	3.9	1.25	0	0	0	-4.1	0.2	0	0	19284.2	-0.01
193	24	2000	0	0	0	4.19	2.08	0	0	0	-4.3	0.2	0	0	19288.4	-0.02
194	24	2000	0	0	0	2.89	2.65	0	0	0	-3.1	0.2	0	0	19291.3	-0.01
195	24	2000	0	0	0	2.49	2.41	0	0	0	-2.7	0.2	0	0	19293.8	-0.01
196	24	2000	5.08	0	0	3.84	1.29	0	0	0	1.1	0.2	0	0	19297.6	-0.02
197	24	2000	25.65	0	0	1.55	0.07	0	0	0	24.0	0.2	0	0	19299.2	-0.03
198	24	2000	5.84	0	0	2.87	0.61	0	0	0	2.8	0.2	0	0	19302.1	-0.04
199	24	2000	0	0	0	4.18	1.43	0	0	0	-4.3	0.2	0	0	19306.2	-0.04
200	24	2000	0	0	0	4.12	1.2	0	0	0	-4.3	0.2	0	0	19310.4	-0.03
201	24	2000	0	0	0	2.95	0.97	0	0	0	-3.1	0.2	0	0	19313.3	-0.03
202	24	2000	0	0	0	4.78	1.55	0	0	0	-5.0	0.2	0	0	19318.1	-0.01
203	24	2000	11.68	0	0	2.13	0.36	0	0	0	9.4	0.2	0	0	19320.2	-0.03
204	24	2000	0.25	0	0	4.39	1.28	0	0	0	-4.3	0.2	0	0	19324.6	-0.03
205	24	2000	0	0	0	4.73	1.59	0	0	0	-4.9	0.2	0	0	19329.3	-0.01
206	24	2000	0	0	0	3.87	1.5	0	0	0	-4.0	0.2	0	0	19333.2	-0.01
207	24	2000	0	0	0	4.57	1.75	0	0	0	-4.7	0.2	0	0	19337.8	-0.01
208	24	2000	0	0	0	4.68	1.66	0	0	0	-4.9	0.2	0	0	19342.5	-0.01
209	24	2000	0.25	0	0	3.44	1.34	0	0	0	-3.4	0.2	0	0	19345.9	-0.01
210	24	2000	0	0	0	4.79	2.08	0	0	0	-5.0	0.2	0	0	19350.7	-0.02
211	24	2000	1.02	0	0	2.57	1.4	0	0	0	-1.7	0.2	0	0	19353.2	0
212	24	2000	2.79	0	0	1.44	0.28	0	0	0	1.2	0.2	0	0	19354.7	-0.01
213	24	2000	3.05	0	0	3.24	0.92	0	0	0	-0.4	0.2	0	0	19357.9	-0.01
214	24	2000	11.18	0	0	3.54	1	0	0	0	7.5	0.2	0	0	19361.5	-0.03
215	24	2000	0.25	0	0	4.41	1.66	0	0	0	-4.3	0.2	0	0	19365.9	-0.04
216	24	2000	0.51	0	0	3.64	1.29	0	0	0	-3.3	0.2	0	0	19369.5	-0.03
217	24	2000	0	0	0	4.55	1.58	0	0	0	-4.7	0.2	0	0	19374.1	-0.01
218	24	2000	0	0	0	4.63	1.74	0	0	0	-4.8	0.2	0	0	19378.7	-0.01
219	24	2000	4.83	0	0	1.81	0.32	0	0	0	2.9	0.2	0	0	19380.5	-0.01
220	24	2000	4.57	0	0	4.67	1.38	0	0	0	-0.3	0.2	0	0	19385.2	0
221	24	2000	0	0	0	5.17	1.9	0	0	0	-5.3	0.2	0	0	19390.3	-0.03
222	24	2000	2.54	0	0	5.21	1.45	0	0	0	-2.9	0.2	0	0	19395.6	-0.01
223	24	2000	0	0	0	3.38	1.64	0	0	0	-3.6	0.2	0	0	19398.9	-0.02
224	24	2000	6.6	0	0	2.25	0.49	0	0	0	4.2	0.2	0	0	19401.2	0
225	24	2000	6.35	0	0	2.67	0.53	0	0	0	3.5	0.2	0	0	19403.9	-0.01
226	24	2000	0	0	0	4.03	1.44	0	0	0	-4.2	0.2	0	0	19407.9	-0.02
227	24	2000	0	0	0	2.47	1.01	0	0	0	-2.7	0.2	0	0	19410.4	-0.01
228	24	2000	0	0	0	4.47	1.61	0	0	0	-4.6	0.2	0	0	19414.8	-0.02
229	24	2000	1.52	0	0	4.27	1.28	0	0	0	-2.9	0.2	0	0	19419.1	-0.01
230	24	2000	0	0	0	1.84	1.34	0	0	0	-2.0	0.2	0	0	19420.9	-0.01
231	24	2000	0.25	0	0	1.39	1.1	0	0	0	-1.3	0.2	0	0	19422.3	-0.01
232	24	2000	0	0	0	1.44	1.33	0	0	0	-1.6	0.2	0	0	19423.8	-0.01
233	24	2000	0	0	0	1.39	1.2	0	0	0	-1.6	0.2	0	0	19425.2	-0.01
234	24	2000	0	0	0	1.49	1.35	0	0	0	-1.7	0.2	0	0	19426.6	-0.01
235	24	2000	0	0	0	1.4	1.37	0	0	0	-1.6	0.2	0	0	19428	-0.01
236	24	2000	23.88	0	0	1.18	0.2	0	0	0	22.5	0.2	0	0	19429.2	-0.02
237	24	2000	0.51	0	0	3.95	1.41	0	0	0	-3.6	0.2	0	0	19433.2	-0.01
238	24	2000	0	0	0	4.31	1.64	0	0	0	-4.5	0.2	0	0	19437.5	-0.02
239	24	2000	0	0	0	4.07	1.62	0	0	0	-4.2	0.2	0	0	19441.6	-0.01
240	24	2000	0	0	0	2.54	1.1	0	0	0	-2.7	0.2	0	0	19444.1	0
241	24	2000	0	0	0	3.68	1.38	0	0	0	-3.8	0.2	0	0	19447.8	-0.02
242	24	2000	0	0	0	2.97	1.5	0	0	0	-3.1	0.2	0	0	19450.7	-0.02
243	24	2000	0	0	0	2.09	1.69	0	0	0	-2.3	0.2	0	0	19452.8	-0.02
244	24	2000	0	0	0	1.79	1.76	0	0	0	-2.0	0.2	0	0	19454.6	-0.01
245	24	2000	0	0	0	1.32	1.4	0	0	0	-1.5	0.2	0	0	19456	0
246	24	2000	0	0	0	0.66	0.85	0	0	0	-0.8	0.2	0	0	19456.6	-0.01
247	24	2000	0.51	0	0	1.18	0.64	0	0	0	-0.8	0.2	0	0	19457.8	-0.01
248	24	2000	0.25	0	0	0.67	0.41	0	0	0	-0.6	0.2	0	0	19458.5	-0.02
249	24	2000	0	0	0	1.68	0.91	0	0	0	-1.8	0.2	0	0	19460.1	-0.02
250	24	2000	0	0	0	1.08	0.97	0	0	0	-1.3	0.2	0	0	19461.2	-0.01
251	24	2000	0	0	0	1.04	1	0	0	0	-1.2	0.2	0	0	19462.3	-0.01
252	24	2000	0.25	0	0	0.51	0.6	0	0	0	-0.4	0.2	0	0	19462.8	-0.01
253	24	2000	1.78	0	0	1.08	0.23	0	0	0	0.5	0.2	0	0	19463.9	-0.01
254	24	2000	0	0	0	1.71	0.75	0	0	0	-1.9	0.2	0	0	19465.6	-0.02
255	24	2000	5.33	0	0	2.01	0.29	0	0	0	3.1	0.2	0	0	19467.6	0.01
256	24	2000	27.94	0	0	3.06	0.92	0	0	0	24.7	0.2	0	0	19470.7	-0.02
257	24	2000	0	0	0	3.93	1.3	0	0	0	-4.1	0.2	0	0	19474.6	-0.02
258	24	2000	6.6	0	0	3.17	0.77	0	0	0	3.3	0.2	0	0	19477.7	-0.01
259	24	2000	7.11	0	0	2.77	0.46	0	0	0	4.2	0.2	0	0	19480.5	-0.03
260	24	2000	0	0	0	2.82	0.94	0	0	0	-3.0	0.2	0	0	19483.3	-0.03
261	24	2000	0	0	0	4.11	1.65	0	0	0	-4.3	0.2	0	0	19487.4	-0.02
262	24	2000	0	0	0	3.32	1.52	0	0	0	-3.5	0.2	0	0	19490.8	0
263	24	2000	0	0	0	2.6	1.27	0	0	0	-2.8	0.2	0	0	19493.4	0
264	24	2000	0	0	0	3.79	1.89	0	0	0	-4.0	0.2	0	0	19497.1	-0.01
265	24	2000	6.35	0	0	4.29	1.2	0	0	0	1.9	0.2	0	0	19501.4	-0.03
266	24	2000	0.25	0	0	3.11	1.13	0	0	0	-3.0	0.2	0	0	19504.6	-0.02
267	24	2000	21.08	0	0	1.61	0.21	0	0	0	19.3	0.2	0	0	19506.2	-0.03
268	24	2000	1.02	0	0	1.9	0.6	0	0	0	-1.0	0.2	0	0	19508.1	-0.03
269	24	2000	0	0	0	2.51	0.93	0	0	0	-2.7	0.2	0	0	19510.6	0
270	24	2000	0	0	0	1.79	0.79	0	0	0	-2.0	0.2	0	0	19512.4	0
271	24	2000	1.02	0	0	3.18	1.21	0	0	0	-2.3	0.2	0	0	19515.5	-0.03
272	24	2000	0	0	0	2.51	0.74	0	0	0	-2.7	0.2	0	0	19518	-0.02
273	24	2000	0	0	0	2.29	0.99	0	0	0	-2.4	0.2	0	0	19520.3	-0.01
274	24	2000	0	0	0	2.54	1.29	0	0	0	-2.7	0.2	0	0	19522.9	-0.01
275	24	2000	0	0	0	2.5	1.32	0	0	0	-2.7	0.2	0	0	19525.4	-0.01
276	24	2000	0	0	0	2.72	1.39	0	0	0	-2.9	0.2	0	0	19528.1	-0.02
277	24	2000	0	0	0	1.95	0.92	0	0	0	-2.1	0.2	0	0	19530	-0.03
278	24	2000	3.56	0.33	0	1.16	0.04	0	0	0	1.9	0.2	0	0	19531.2	-0.01
279	24	2000	6.86	0.63	0	0.65	0	0	0	0	5.8	0.2	0	0	19531.9	-0.01
280	24	2000	3.56	0.5	0	0.79	0	0	0	0	2.8	0.2	0	0	19532.6	0
281	24	2000	0	0	0	2.39	0.63	0	0	0	-2.0	0.2	0	0	19535	-0.02
282	24	2000	2.03	0	0	1.78	0.14	0	0	0	0.1	0.2	0	0	19536.8	-0.02
283	24	2000	0.76	0	0	1.11	0.18	0	0	0	-0.5	0.2	0	0	19537.9	-0.01
284	24	2000	2.29	0	0	1.4	0	0	0	0	0.7	0.2	0	0	19539.3	0
285	24	2000	0	0	0	2.6	1.23	0	0	0	-2.7	0.2	0	0	19541.9	-0.01
286	24	2000	0	0	0	2.42	1.3	0	0	0	-2.6	0.2	0	0	19544.4	-0.01
287	24	2000	0	0	0	2.42	1.46	0	0	0	-2.6	0.2	0	0	19546.8	-0.01
288	24	2000	0	0	0	2.98	1.79	0	0	0	-3.1	0.2	0	0	19549.8	-0.01
289	24	2000	1.02	0	0	1.09	0.35	0	0	0	-0.2	0.2	0	0	19550.8	-0.03
290	24	2000	25.65	0.64	0	0.68	0.02	0	0	0	24.2	0.2	0	0	19551.5	-0.02
291	24	2000	3.3	0.16	0	1.21	0	0	0	0	2.4	0.2	0	0	19552.7	0
292	24	2000	5.33	0.37	0	0.97	0	0	0	0	4.0	0.2	0	0	19553.7	0
293	24	2000	0	0	0	2	0.64	0	0	0	-1.8	0.2	0	0	19555.7	-0.02
294	24	2000	0	0	0	1.87	1.18	0	0	0	-2.0	0.1	0	0	19557.6	-0.03
295	24	2000	0	0	0	1.8	1.02	0	0	0	-1.9	0.1	0	0	19559.4	-0.02
296	24	2000	0	0	0	1.92	0.86	0	0	0	-2.1	0.1	0	0	19561.3	-0.01
297	24	2000	0	0	0	1.62	1	0	0	0	-1.8	0.1	0	0	19562.9	-0.01
298	24	2000	0	0	0	0.48	0.37	0	0	0	-0.6	0.1	0	0	19563.4	0
299	24	2000	0	0	0	1.13	0.84	0	0	0	-1.3	0.1	0	0	19564.5	-0.01
300	24	2000	0	0	0	1.41	0.98	0	0	0	-1.5	0.1	0	0	19565.9	-0.02
301	24	2000	2.79	0	0	1.7	0.34	0	0	0	1.0	0.1	0	0	19567.6	-0.03
302	24	2000	0	0	0	2.11	0.58	0	0	0	-2.2	0.1	0	0	19569.8	-0.03
303	24	2000	0	0	0	1.06	0	0	0	0	-1.2	0.1	0	0	19570.8	-0.01
304	24	2000	0	0	0	1.39	0.56	0	0	0	-1.5	0.1	0	0	19572.2	0
305	24	2000	0	0	0	1.32	0.66	0	0	0	-1.5	0.1	0	0	19573.5	0
306	24	2000	0	0	0	1.27	0.77	0	0	0	-1.4	0.1	0	0	19574.8	-0.01
307	24	2000	0	0	0	1.28	0.91	0	0	0	-1.4	0.1	0	0	19576.1	-0.01
308	24	2000	0	0	0	0.64	0.46	0	0	0	-0.8	0.1	0	0	19576.7	0
309	24	2000	2.79	0.03	0	1.28	0.03	0	0	0	1.4	0.1	0	0	19578	0
310	24	2000	1.27	0	0	1.05	0.04	0	0	0	0.1	0.1	0	0	19579	-0.02
311	24	2000	0	0	0	1.08	0.6	0	0	0	-1.2	0.1	0	0	19580.1	-0.01
312	24	2000	0	0	0	0.82	0.55	0	0	0	-0.9	0.1	0	0	19580.9	-0.01
313	24	2000	0	0	0	0.62	0.47	0	0	0	-0.7	0.1	0	0	19581.6	-0.01
314	24	2000	8.89	0.29	0	0.81	0.02	0	0	0	7.7	0.1	0	0	19582.4	-0.01
315	24	2000	11.43	0.59	0	0.39	0	0	0	0	10.6	0.1	0	0	19582.8	0
316	24	2000	2.03	0.09	0	1.65	0	0	0	0	0.8	0.1	0	0	19584.4	0
317	24	2000	0	0	0	0.58	0	0	0	0	-0.6	0.1	0	0	19585	0
318	24	2000	0	0	0	0.81	0.39	0	0	0	-0.9	0.1	0	0	19585.8	-0.01
319	24	2000	2.03	0.05	0	1.04	0.02	0	0	0	0.8	0.1	0	0	19586.9	0
320	24	2000	0	0	0	1.57	0.37	0	0	0	-1.6	0.1	0	0	19588.4	-0.03
321	24	2000	0	0	0	1.37	0.51	0	0	0	-1.5	0.1	0	0	19589.8	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
322	24	2000	1.02	0	0	1.39	0.28	0	0	0	-0.5	0.1	0	0	19591.2	-0.01
323	24	2000	4.83	0.13	0	1.32	0	0	0	0	3.3	0.1	0	0	19592.5	-0.01
324	24	2000	0	0	0	0.81	0	0	0	0	-0.8	0.1	0	0	19593.3	0
325	24	2000	1.27	0	0	1.24	0.19	0	0	0	-0.1	0.1	0	0	19594.6	-0.01
326	24	2000	3.81	0	0.11	1.43	0	0	2.79	0	-0.5	0.1	0	0	19596	-0.01
327	24	2000	6.6	0.11	0	0.85	0	0	5.89	0	-0.4	0.1	0	0	19596.8	0
328	24	2000	1.52	0.07	0	0.59	0	0	1.18	0	-0.3	0.1	0	0	19597.4	0
329	24	2000	0	0	0	0.1	0	0	0.17	0	-0.3	0.1	0	0	19597.5	0
330	24	2000	0.51	0	0.08	0.23	0	0	0.34	0	-0.2	0.1	0	0	19597.8	0
331	24	2000	17.27	0.54	17.5	0.3	0	0	-1.07	0	17.4	0.1	0	0	19598.1	0.01
332	24	2000	1.52	0.58	5.29	0.21	0	0	-4.02	0	5.2	0.1	0	0	19598.3	0
333	24	2000	2.29	0.53	7.08	0.35	0	0	-5.29	0	7.2	0.1	0	0	19598.6	0
334	24	2000	0	0	0	0.81	0.08	0	0	0	-0.4	0.1	0	0	19599.4	-0.01
335	24	2000	6.6	0.57	0	0.74	0	0	0	0	5.2	0.1	0	0	19600.2	-0.01
336	24	2000	1.52	0.38	0.06	1.04	0	0	1.21	0	-0.7	0.1	0	0	19601.2	0
337	24	2000	0	0	0	0.58	0	0	0.59	0	-0.9	0.1	0	0	19601.8	0
338	24	2000	0	0	0	0.09	0	0	0.46	0	-0.7	0.1	0	0	19601.9	0
339	24	2000	0	0	0	0.03	0	0	0.3	0	-0.4	0.1	0	0	19601.9	0
340	24	2000	0	0	0	0.31	0	0	-0.17	0	-0.3	0.1	0	0	19602.2	0
341	24	2000	2.79	0.2	0	0.85	0	0	2.02	0	-0.4	0.1	0	0	19603.1	0
342	24	2000	0.51	0	0	0.42	0	0	0.55	0	-0.4	0.1	0	0	19603.5	-0.01
343	24	2000	1.02	0.13	0	0.28	0	0	0.85	0	-0.4	0.1	0	0	19603.8	0
344	24	2000	0	0	0	0.14	0	0	0.29	0	-0.4	0.1	0	0	19603.9	0
345	24	2000	0	0	0	0.05	0	0	0.15	0	-0.3	0.1	0	0	19604	0
346	24	2000	0.51	0	0.94	0.18	0	0	-0.66	0	0.2	0.1	0.73	0	19604.1	0
347	24	2000	4.83	0	0.27	1.08	0.07	0	3.69	0	-0.3	0.1	0.26	0	19605.2	-0.01
348	24	2000	0	0	0	0.06	0	0	0.2	0	-0.4	0.1	0	0	19605.3	-0.01
349	24	2000	12.45	0.11	0	0.63	0	0	11.76	0	-0.2	0.1	0	0	19605.9	0.01
350	24	2000	0	0	0	0.15	0	0	0.03	0	-0.2	0.1	0	0	19606.1	0
351	24	2000	11.18	0	0.07	0.7	0	0	10.42	0	-0.1	0.1	0.06	0	19606.8	0
352	24	2000	1.02	0	12.25	0.13	0.27	0	-11.14	0	0.4	0.1	11.49	0	19606.9	-0.01
353	24	2000	0.25	0	0.33	0.28	0	0	-0.26	0	0.0	0.1	0.14	0	19607.2	-0.01
354	24	2000	2.79	0.54	0	0.27	0	0	2.04	0	-0.2	0.1	0	0	19607.4	0
355	24	2000	3.05	0.32	0	0.46	0	0	2.89	0	-0.2	0.1	0	0	19607.9	0
356	24	2000	0	0	0	0.33	0	0	0.09	0	-0.2	0.1	0	0	19608.2	0
357	24	2000	0.51	0	0	0.3	0	0	0.29	0	-0.2	0.1	0	0	19608.5	-0.01
358	24	2000	0.51	0	0	0.18	0	0	0.43	0	-0.2	0.1	0	0	19608.7	-0.01
359	24	2000	0.51	0	0	0.21	0	0	0.4	0	-0.2	0.1	0	0	19608.9	-0.01
360	24	2000	0.25	0	0	0.14	0	0	0.23	0	-0.2	0.1	0	0	19609	0
361	24	2000	3.3	0.24	0	0.45	0	0	2.68	0	-0.2	0.1	0	0	19609.5	0
362	24	2000	5.33	0.33	0	0.21	0	0	5.09	0	-0.2	0.1	0	0	19609.7	0
363	24	2000	0.76	0.15	0	0.34	0	0	0.66	0	-0.2	0.1	0	0	19610	0
364	24	2000	0	0	0	0.15	0	0	0.08	0	-0.2	0.1	0	0	19610.2	0
365	24	2000	3.56	0.35	0	0.2	0	0	3.06	0	-0.2	0.1	0	0	19610.4	0.01
366	24	2000	3.3	0.23	0	0.29	0	0	3.17	0	-0.1	0.1	0	0	19610.7	0
1	24	2001	1.02	0.22	0	0.21	0	0	0.86	0	-0.1	0.1	0	0	19610.9	0
2	24	2001	0.51	0	0	0.32	0	0	0.46	0	-0.2	0.1	0	0	19611.2	0
3	24	2001	0	0	0	0.13	0	0	-0.08	0	-0.1	0.1	0	0	19611.3	0
4	24	2001	2.29	0.19	0	0.41	0	0	1.71	0	-0.1	0.1	0	0	19611.8	0
5	24	2001	3.56	0.18	0	0.38	0	0	3.22	0	-0.1	0.1	0	0	19612.1	0
6	24	2001	0.25	0	0	0.26	0	0	0.2	0	-0.1	0.1	0	0	19612.4	-0.01
7	24	2001	0	0	0	0.04	0	0	-0.01	0	-0.1	0.1	0	0	19612.4	0
8	24	2001	0	0	0	0.03	0	0	-0.01	0	-0.1	0.1	0	0	19612.5	0
9	24	2001	3.56	0.07	0	0.47	0	0	3.07	0	-0.1	0.1	0	0	19612.9	0
10	24	2001	0.25	0	0	0.2	0	0	0.18	0	-0.2	0.1	0	0	19613.1	0
11	24	2001	0	0	0	0.07	0	0	-0.02	0	-0.1	0.1	0	0	19613.2	0
12	24	2001	0	0	0	0.03	0	0	0.04	0	-0.2	0.1	0	0	19613.2	0
13	24	2001	0	0	0	0.01	0	0	0.06	0	-0.2	0.1	0	0	19613.2	0
14	24	2001	0	0	0	0	0	0	0.03	0	-0.1	0.1	0	0	19613.2	0
15	24	2001	1.78	0.1	1.49	0.28	0	0	-0.13	0	-0.1	0.1	1.49	0	19613.5	0
16	24	2001	3.05	0.3	3.58	0.27	0	0	-1.04	0	0.1	0.1	3.45	0	19613.8	0
17	24	2001	0.25	0	0	0.39	0	0	0.19	0	-0.1	0.1	0	0	19614.2	0
18	24	2001	0	0	0	0.08	0	0	-0.05	0	-0.1	0.1	0	0	19614.3	0
19	24	2001	2.54	0.43	0	0.18	0	0	1.96	0	-0.1	0.1	0	0	19614.4	0
20	24	2001	0	0	0	0.45	0	0	0.04	0	-0.2	0.1	0	0	19614.9	0
21	24	2001	0.25	0	0	0.16	0	0	0.15	0	-0.2	0.1	0	0	19615	0
22	24	2001	0	0	0	0.11	0	0	-0.06	0	-0.1	0.1	0	0	19615.2	-0.01
23	24	2001	0	0	0	0.06	0	0	-0.01	0	-0.1	0.1	0	0	19615.2	-0.01
24	24	2001	0	0	0	0.15	0	0	-0.14	0	-0.1	0.1	0	0	19615.4	0
25	24	2001	0	0	0	0.19	0	0	-0.15	0	-0.1	0.1	0	0	19615.6	-0.01
26	24	2001	0	0	0	0.16	0	0	-0.11	0	-0.1	0.1	0	0	19615.7	0
27	24	2001	3.3	0.12	0	0.48	0	0	2.72	0	-0.1	0.1	0	0	19616.2	0
28	24	2001	1.02	0	0	0.54	0	0	0.63	0	-0.1	0.1	0	0	19616.8	-0.01
29	24	2001	0	0	0	0.13	0	0	-0.08	0	-0.1	0.1	0	0	19616.9	0
30	24	2001	12.7	0.08	11.48	0.47	0	0	0.64	0	-0.1	0.1	11.48	0	19617.3	0.01
31	24	2001	3.56	0.36	5.52	0.17	0	0	-2.44	0	0.2	0.1	5.25	0	19617.5	0
32	24	2001	1.02	0.15	0.65	0.47	0	0	0.09	0	0.4	0.1	0.13	0	19618	0
33	24	2001	1.52	0	0.08	0.66	0	0	0.96	0	0.0	0.1	0	0	19618.6	-0.01
34	24	2001	1.78	0.05	0	0.47	0	0	1.31	0	-0.1	0.1	0	0	19619.1	0
35	24	2001	0.25	0	0	0.26	0	0	0.09	0	-0.1	0.1	0	0	19619.4	0
36	24	2001	0	0	0	0.08	0	0	-0.07	0	-0.1	0.1	0	0	19619.4	0
37	24	2001	1.02	0	0.22	0.33	0	0	0.44	0	-0.1	0.1	0.22	0	19619.8	0
38	24	2001	0	0	0.03	0.21	0	0	-0.24	0	-0.1	0.1	0.03	0	19620	-0.01
39	24	2001	9.14	0.22	0	0.39	0	0	8.54	0	-0.1	0.1	0	0	19620.4	0
40	24	2001	6.86	0	12.25	0.62	0.19	0	-5.62	0	0.2	0.1	11.81	0	19621	0
41	24	2001	1.02	0	10.56	1.57	0.75	0	-10.37	0	0.0	0.1	9.71	0	19622.6	-0.01
42	24	2001	0	0	0.18	0.37	0	0	-0.5	0	-0.1	0.1	0.18	0	19622.9	-0.01
43	24	2001	0	0	0.55	0.19	0	0	-0.71	0	-0.1	0.1	0.55	0	19623.1	0
44	24	2001	0	0	2.53	0.03	0	0	-2.56	0	-0.1	0.1	2.53	0	19623.2	0
45	24	2001	6.6	0.36	5.24	0.5	0	0	0.5	0	0.1	0.1	5.1	0	19623.7	0
46	24	2001	0.51	0	0.64	0.63	0	0	-0.39	0	0.2	0.1	0.36	0	19624.3	-0.01
47	24	2001	0	0	0.1	0.15	0	0	-0.25	0	-0.1	0.1	0.06	0	19624.4	0
48	24	2001	1.52	0	0	1.17	0	0	0.39	0	-0.1	0.1	0	0	19625.6	-0.01
49	24	2001	1.02	0	0	0.78	0	0	0.26	0	-0.1	0.1	0	0	19626.4	-0.01
50	24	2001	0	0	0	0.48	0.19	0	-0.28	0	-0.3	0.1	0	0	19626.9	0
51	24	2001	0.51	0	0.03	0.89	0.71	0	0.29	0	-0.8	0.1	0.02	0	19627.7	0
52	24	2001	0	0	0	0.67	0	0	-0.65	0	-0.1	0.1	0	0	19628.4	-0.01
53	24	2001	1.78	0	0	0.88	0	0	0.91	0	-0.1	0.1	0	0	19629.3	0
54	24	2001	1.27	0	0	0.62	0	0	0.65	0	-0.1	0.1	0	0	19629.9	0
55	24	2001	0	0	0	0.18	0	0	-0.17	0	-0.1	0.1	0	0	19630.1	0
56	24	2001	8.64	0	5.83	1.09	0.25	0	1.94	0	-0.3	0.1	5.83	0	19631.2	0.01
57	24	2001	0.25	0	0	0.5	0	0	-0.23	0	-0.1	0.1	0	0	19631.7	-0.01
58	24	2001	0.25	0	0	0.42	0	0	-0.15	0	-0.1	0.1	0	0	19632.1	-0.01
59	24	2001	0	0	0	0.6	0	0	-0.56	0	-0.1	0.1	0	0	19632.7	-0.01
60	24	2001	8.38	0.41	0	0.42	0	0	7.56	0	-0.1	0.1	0	0	19633.1	0
61	24	2001	3.3	0.31	0	0.49	0	0	2.91	0	-0.1	0.1	0	0	19633.6	0
62	24	2001	0.76	0	0	0.56	0	0	0.52	0	-0.1	0.1	0	0	19634.2	-0.01
63	24	2001	0.51	0	0	0.29	0	0	0.23	0	-0.1	0.1	0	0	19634.5	-0.01
64	24	2001	12.45	0.32	0	0.25	0	0	11.87	0	-0.1	0.1	0	0	19634.7	0.01
65	24	2001	8.13	0.04	0	0.51	0	0	7.9	0	-0.1	0.1	0	0	19635.2	0
66	24	2001	0	0	0	0.24	0	0	-0.2	0	-0.1	0.1	0	0	19635.5	0
67	24	2001	0.51	0	0	0.2	0	0	0.3	0	-0.1	0.1	0	0	19635.7	0
68	24	2001	10.16	0.2	0	0.31	0	0	9.65	0	-0.1	0.1	0	0	19636	0
69	24	2001	0	0	0	0.33	0	0	-0.13	0	-0.1	0.1	0	0	19636.3	-0.01
70	24	2001	1.78	0	0	0.62	0	0	1.17	0	-0.1	0.1	0	0	19636.9	-0.01
71	24	2001	0.76	0	0	0.49	0	0	0.28	0	-0.1	0.1	0	0	19637.4	0
72	24	2001	19.81	0	16.69	0.54	0	0	2.57	0	0.0	0.1	16.65	0	19638	0.01
73	24	2001	0	0	0.37	0.3	0	0	-0.67	0	0.3	0.1	0	0	19638.3	0
74	24	2001	0	0	3.79	0.46	0.45	0	-3.79	0	3.3	0.1	0	0	19638.7	0
75	24	2001	0	0	1.68	0.07	0	0	-1.75	0	1.6	0.1	0	0	19638.8	0
76	24	2001	5.59	0.27	0.07	0.48	0	0	4.77	0	0.0	0.1	0	0	19639.3	0
77	24	2001	0	0	0.2	0.47	0	0	-0.4	0	0.1	0.1	0	0	19639.7	0
78	24	2001	0	0	3.65	0.38	0.34	0	-3.69	0	3.2	0.1	0	0	19640.1	0
79	24	2001	0	0	3.63	0.82	0.74	0	-3.71	0	2.8	0.1	0	0	19640.9	0
80	24	2001	21.34	0	21.31	1.06	0.14	0	-0.91	0	7.8	0.1	13.35	0	19642	0.01
81	24	2001	7.62	0.22	9.74	0.61	0	0	-2.95	0	4.5	0.1	5.13	0	19642.6	0
82	24	2001	0	0	10.51	0.81	0.57	0	-10.53	0	2.9	0.1	6.95	0	19643.4	0
83	24	2001	0	0	6.91	0.23	0	0	-7.13	0	2.4	0.1	4.38	0	19643.6	0
84	24	2001	0	0	0.79	0.61	0	0	-1.39	0	0.6	0.1	0.13	0	19644.3	0
85	24	2001	3.05	0	0	1.49	0	0	1.58	0	-0.1	0.1	0	0	19645.7	-0.01
86	24	2001	0	0	0	0.57	0	0	-0.57	0	-0.1	0.1	0	0	19646.3	0.01
87	24	2001	0.25	0	0	0.27	0	0	-0.03	0	-0.1	0.1	0	0	19646.6	0.01
88	24	2001	0	0	3.62	0.92	0.82	0	-3.72	0	2.7	0.1	0	0	19647.5	0
89	24	2001	32.26	0.43	31.95	0.44	0	0	-0.56	0	6.3	0.1	25.54	0	19648	0
90	24	2001	0	0	5.13	0.43	0	0	-5.13	0	5.1	0.1	0	0	19648.4	0
91	24	2001	0	0	7.65	0	0	0	-7.65	0	7.6	0.1	0	0	19648.4	0
92	24	2001	0.25	0	10.09	0.12	0	0	-9.94	0	10.0	0.1	0.01	0	19648.5	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
93	24	2001	0	0	13.17	0.93	0.91	0	-13.17	0	10.4	0.1	1.74	0	19649.4	0
94	24	2001	0	0	9.98	1.28	1.21	0	-10.03	0	8.3	0.1	0.43	0	19650.7	0
95	24	2001	0	0	9.06	1.53	1.45	0	-9.12	0	7.5	0.1	0	0	19652.2	0
96	24	2001	4.06	0.01	4.09	1.01	0.06	0	-1.02	0	4.0	0.1	0	0	19653.3	0.02
97	24	2001	4.57	0.02	0	0.97	0	0	0	0	3.5	0.1	0	0	19654.2	0
98	24	2001	11.43	0	0	3.73	1.39	0	0	0	7.7	0.1	0	0	19658	-0.02
99	24	2001	5.84	0	0	3.26	0.9	0	0	0	2.5	0.1	0	0	19661.2	-0.01
100	24	2001	0	0	0	2.94	1.22	0	0	0	-3.0	0.1	0	0	19664.2	-0.01
101	24	2001	0	0	0	1.79	1	0	0	0	-1.9	0.1	0	0	19665.9	-0.01
102	24	2001	10.92	0	0	3.66	1.51	0	0	0	7.2	0.1	0	0	19669.6	-0.03
103	24	2001	0	0	0	3.73	1.26	0	0	0	-3.8	0.1	0	0	19673.3	-0.05
104	24	2001	0	0	0	3.71	1.41	0	0	0	-3.8	0.1	0	0	19677.1	-0.01
105	24	2001	0	0	0	3.05	1.34	0	0	0	-3.1	0.1	0	0	19680.1	-0.02
106	24	2001	0	0	0	3.78	1.59	0	0	0	-3.8	0.1	0	0	19683.9	-0.02
107	24	2001	0	0	0	3.12	1.23	0	0	0	-3.2	0.1	0	0	19687	-0.01
108	24	2001	0	0	0	2.87	0	0	0	0	-2.9	0.1	0	0	19689.9	-0.03
109	24	2001	0	0	0	3.43	1.07	0	0	0	-3.5	0.1	0	0	19693.3	0.01
110	24	2001	0	0	0	3.86	1.9	0	0	0	-3.9	0.1	0	0	19697.2	-0.01
111	24	2001	1.52	0	0	2.92	1.33	0	0	0	-1.5	0.1	0	0	19700.1	0
112	24	2001	0	0	0	4.65	2.01	0	0	0	-4.7	0.1	0	0	19704.7	-0.03
113	24	2001	0	0	0	5.28	2.83	0	0	0	-5.3	0.1	0	0	19710	-0.02
114	24	2001	0.25	0	0	4.71	2.16	0	0	0	-4.5	0.1	0	0	19714.7	-0.04
115	24	2001	0	0	0	4.3	1.48	0	0	0	-4.4	0.1	0	0	19719	-0.01
116	24	2001	0	0	0	4.33	1.78	0	0	0	-4.4	0.1	0	0	19723.3	-0.01
117	24	2001	0	0	0	3.54	1.69	0	0	0	-3.6	0.1	0	0	19726.9	0.01
118	24	2001	0	0	0	4.42	1.27	0	0	0	-4.5	0.1	0	0	19731.3	-0.01
119	24	2001	0	0	0	4.06	1.63	0	0	0	-4.1	0.1	0	0	19735.4	-0.01
120	24	2001	0	0	0	4.68	2.23	0	0	0	-4.7	0.1	0	0	19740	-0.02
121	24	2001	0	0	0	4.9	2.61	0	0	0	-5.0	0.1	0	0	19744.9	-0.02
122	24	2001	0	0	0	4.63	2.5	0	0	0	-4.7	0.1	0	0	19749.6	0.01
123	24	2001	0	0	0	4.5	2.45	0	0	0	-4.6	0.1	0	0	19754.1	-0.02
124	24	2001	0	0	0	5.69	2.86	0	0	0	-5.8	0.1	0	0	19759.8	0
125	24	2001	0	0	0	4.97	1.99	0	0	0	-5.0	0.1	0	0	19764.7	-0.03
126	24	2001	0	0	0	3.4	2.5	0	0	0	-3.5	0.1	0	0	19768.1	-0.01
127	24	2001	0	0	0	3.57	3.35	0	0	0	-3.6	0.1	0	0	19771.7	-0.01
128	24	2001	0.76	0	0	3.36	2.74	0	0	0	-2.7	0.1	0	0	19775.1	-0.01
129	24	2001	1.78	0	0	3.88	2.19	0	0	0	-2.2	0.1	0	0	19779	0
130	24	2001	0	0	0	3.14	2.95	0	0	0	-3.2	0.1	0	0	19782.1	-0.02
131	24	2001	0	0	0	2.82	2.87	0	0	0	-2.9	0.1	0	0	19784.9	0
132	24	2001	7.62	0	0	1.38	0.15	0	0	0	6.2	0.1	0	0	19786.3	-0.02
133	24	2001	0	0	0	4.7	1.5	0	0	0	-4.8	0.1	0	0	19791	-0.01
134	24	2001	0	0	0	4.27	1.62	0	0	0	-4.4	0.1	0	0	19795.3	0
135	24	2001	0	0	0	3.21	2.15	0	0	0	-3.3	0.1	0	0	19798.5	-0.01
136	24	2001	0	0	0	2.33	2.35	0	0	0	-2.4	0.1	0	0	19800.8	-0.01
137	24	2001	0.51	0	0	1.54	1.3	0	0	0	-1.1	0.1	0	0	19802.3	0
138	24	2001	2.54	0	0	1.59	0.43	0	0	0	0.9	0.1	0	0	19803.9	0
139	24	2001	0	0	0	3.4	1.83	0	0	0	-3.5	0.1	0	0	19807.3	-0.01
140	24	2001	0	0	0	1.9	1.81	0	0	0	-2.0	0.1	0	0	19809.2	-0.01
141	24	2001	5.59	0	0	2.31	0.63	0	0	0	3.2	0.1	0	0	19811.5	-0.02
142	24	2001	11.94	0	0	2.2	0.38	0	0	0	9.6	0.1	0	0	19813.7	-0.01
143	24	2001	10.41	0	0	2.59	0.47	0	0	0	7.7	0.1	0	0	19816.3	-0.01
144	24	2001	0.25	0	0	3.72	1.64	0	0	0	-3.6	0.1	0	0	19820.1	-0.02
145	24	2001	0	0	0	5.35	2.21	0	0	0	-5.4	0.1	0	0	19825.4	-0.03
146	24	2001	1.52	0	0	1.75	0.43	0	0	0	-0.3	0.1	0	0	19827.2	0
147	24	2001	11.43	0	0	4.52	1.47	0	0	0	6.8	0.1	0	0	19831.7	-0.02
148	24	2001	2.29	0	0	3.34	0.74	0	0	0	-1.2	0.1	0	0	19835	-0.02
149	24	2001	0.25	0	0	2.12	0.77	0	0	0	-2.0	0.1	0	0	19837.1	-0.02
150	24	2001	0	0	0	5.04	1.68	0	0	0	-5.1	0.1	0	0	19842.2	-0.02
151	24	2001	0	0	0	4.93	1.8	0	0	0	-5.0	0.1	0	0	19847.1	-0.01
152	24	2001	6.35	0	0	3.65	1.12	0	0	0	2.6	0.1	0	0	19850.8	-0.02
153	24	2001	1.52	0	0	2.25	0.76	0	0	0	-0.9	0.1	0	0	19853	0
154	24	2001	14.48	0	0	2.48	0.44	0	0	0	11.9	0.1	0	0	19855.5	-0.02
155	24	2001	2.03	0	0	4.3	1.19	0	0	0	-2.4	0.1	0	0	19859.8	-0.03
156	24	2001	0	0	0	3.82	1.66	0	0	0	-3.9	0.1	0	0	19863.6	-0.02
157	24	2001	0	0	0	4.64	1.95	0	0	0	-4.8	0.1	0	0	19868.2	-0.01
158	24	2001	0	0	0	5.03	2.19	0	0	0	-5.1	0.1	0	0	19873.3	-0.02
159	24	2001	0	0	0	5.64	2.36	0	0	0	-5.8	0.1	0	0	19878.9	-0.01
160	24	2001	0	0	0	4.76	2.61	0	0	0	-4.9	0.1	0	0	19883.7	-0.01
161	24	2001	0	0	0	3.1	2.96	0	0	0	-3.2	0.1	0	0	19886.8	-0.01
162	24	2001	11.94	0	0	1.15	0.13	0	0	0	10.7	0.1	0	0	19887.9	0.01
163	24	2001	0	0	0	4	1.88	0	0	0	-4.1	0.1	0	0	19891.9	-0.01
164	24	2001	0	0	0	5.43	2.36	0	0	0	-5.6	0.1	0	0	19897.3	-0.01
165	24	2001	0	0	0	5.17	2.3	0	0	0	-5.3	0.1	0	0	19902.5	-0.01
166	24	2001	0	0	0	3.62	2.61	0	0	0	-3.7	0.1	0	0	19906.1	-0.01
167	24	2001	7.62	0	0	2.44	0.72	0	0	0	5.1	0.1	0	0	19908.6	-0.03
168	24	2001	0	0	0	4.35	1.4	0	0	0	-4.5	0.1	0	0	19912.9	-0.01
169	24	2001	0	0	0	4.33	1.51	0	0	0	-4.5	0.1	0	0	19917.3	-0.01
170	24	2001	0	0	0	2.28	1.96	0	0	0	-2.4	0.1	0	0	19919.5	0
171	24	2001	0	0	0	0.85	0.97	0	0	0	-1.0	0.1	0	0	19920.4	-0.01
172	24	2001	14.22	0	0	1.65	0.16	0	0	0	12.5	0.1	0	0	19922	-0.02
173	24	2001	8.38	0	0	3.53	1.17	0	0	0	4.7	0.1	0	0	19925.6	-0.01
174	24	2001	24.38	0.14	0	1.64	0.05	0	0	0	22.5	0.1	0	0	19927.2	-0.02
175	24	2001	0	0	0	3.55	1.52	0	0	0	-3.6	0.1	0	0	19930.8	0
176	24	2001	0	0	0	5.44	2.33	0	0	0	-5.6	0.1	0	0	19936.2	-0.01
177	24	2001	0	0	0	5.34	2.42	0	0	0	-5.5	0.1	0	0	19941.5	-0.02
178	24	2001	0	0	0	6.02	2.67	0	0	0	-6.1	0.1	0	0	19947.6	-0.02
179	24	2001	0	0	0	4.11	2.03	0	0	0	-4.3	0.1	0	0	19951.7	0
180	24	2001	0	0	0	5.63	2.62	0	0	0	-5.8	0.1	0	0	19957.3	-0.02
181	24	2001	0	0	0	3.77	2.62	0	0	0	-3.9	0.1	0	0	19961.1	0.01
182	24	2001	9.65	0	0	3.9	1.41	0	0	0	5.6	0.1	0	0	19965	-0.01
183	24	2001	0	0	0	5.97	1.94	0	0	0	-6.1	0.1	0	0	19970.9	-0.02
184	24	2001	0	0	0	2.91	1.44	0	0	0	-3.0	0.1	0	0	19973.8	0
185	24	2001	0	0	0	3	1.65	0	0	0	-3.1	0.1	0	0	19976.9	-0.02
186	24	2001	2.29	0	0	4.25	1.45	0	0	0	-2.1	0.1	0	0	19981.1	-0.02
187	24	2001	0	0	0	1.96	1.61	0	0	0	-2.1	0.1	0	0	19983.1	-0.01
188	24	2001	0.51	0	0	2.31	1.67	0	0	0	-1.9	0.1	0	0	19985.4	0
189	24	2001	0.51	0	0	1	0.95	0	0	0	-0.6	0.1	0	0	19986.4	0
190	24	2001	0	0	0	2.06	1.61	0	0	0	-2.2	0.1	0	0	19988.4	-0.01
191	24	2001	0.51	0	0	1.71	1.18	0	0	0	-1.3	0.1	0	0	19990.2	-0.01
192	24	2001	2.03	0	0	2.5	0.61	0	0	0	-0.6	0.1	0	0	19992.7	-0.01
193	24	2001	0	0	0	0.83	0.68	0	0	0	-1.0	0.1	0	0	19993.5	-0.01
194	24	2001	0	0	0	0.84	0.75	0	0	0	-1.0	0.1	0	0	19994.3	0
195	24	2001	0	0	0	0.36	0.5	0	0	0	-0.5	0.1	0	0	19994.7	0
196	24	2001	0	0	0	0.98	0.77	0	0	0	-1.1	0.1	0	0	19995.7	-0.01
197	24	2001	1.27	0	0	1.97	0.67	0	0	0	-0.8	0.1	0	0	19997.6	-0.01
198	24	2001	15.75	0	0	2.93	0.74	0	0	0	12.7	0.1	0	0	20000.6	0.01
199	24	2001	0	0	0	5.18	1.79	0	0	0	-5.3	0.1	0	0	20005.7	-0.01
200	24	2001	0	0	0	4.34	1.08	0	0	0	-4.5	0.1	0	0	20010.1	0
201	24	2001	0	0	0	3.15	0.91	0	0	0	-3.3	0.1	0	0	20013.2	-0.02
202	24	2001	0	0	0	1.58	1.06	0	0	0	-1.7	0.1	0	0	20014.8	-0.01
203	24	2001	0	0	0	1.17	1.05	0	0	0	-1.3	0.1	0	0	20016	-0.02
204	24	2001	0	0	0	0.63	0.8	0	0	0	-0.8	0.1	0	0	20016.6	-0.01
205	24	2001	11.43	0	0	4.21	1.47	0	0	0	7.1	0.1	0	0	20020.8	-0.03
206	24	2001	2.03	0	0	4.58	0.81	0	0	0	-2.7	0.1	0	0	20025.4	-0.02
207	24	2001	6.86	0	0	5.3	0.99	0	0	0	1.4	0.1	0	0	20030.7	-0.01
208	24	2001	0	0	0	4.01	0.67	0	0	0	-4.1	0.1	0	0	20034.7	-0.01
209	24	2001	0	0	0	3.1	0.59	0	0	0	-3.2	0.1	0	0	20037.8	-0.01
210	24	2001	0	0	0	1.23	0.76	0	0	0	-1.4	0.1	0	0	20039	-0.01
211	24	2001	0	0	0	0.68	0.66	0	0	0	-0.8	0.1	0	0	20039.7	-0.01
212	24	2001	0	0	0	0.72	0.69	0	0	0	-0.9	0.1	0	0	20040.4	-0.01
213	24	2001	0	0	0	0.73	0.68	0	0	0	-0.9	0.1	0	0	20041.2	-0.01
214	24	2001	0	0	0	0.44	0.56	0	0	0	-0.6	0.1	0	0	20041.6	-0.01
215	24	2001	0	0	0	0.12	0.36	0	0	0	-0.3	0.1	0	0	20041.7	-0.01
216	24	2001	0	0	0	0.88	0.55	0	0	0	-1.0	0.1	0	0	20042.6	-0.01
217	24	2001	0	0	0	0.81	0.64	0	0	0	-0.9	0.1	0	0	20043.4	-0.02
218	24	2001	0	0	0	0.65	0.61	0	0	0	-0.8	0.1	0	0	20044.1	-0.01
219	24	2001	3.56	0	0	3.09	0.32	0	0	0	0.3	0.1	0	0	20047.2	-0.01
220	24	2001	0	0	0	1.26	0.56	0	0	0	-1.4	0.1	0	0	20048.4	-0.03
221	24	2001	33.02	0	0	5.59	2.57	0	0	0	27.3	0.1	0	0	20054	-0.02
222	24	2001	0	0	0	5.41	2.87	0	0	0	-5.5	0.1	0	0	20059.4	-0.04
223	24	2001	0	0	0	4.86	2.69	0	0	0	-5.0	0.1	0	0	20064.3	-0.01
224	24	2001	0	0	0	3.01	1.82	0	0	0	-3.1	0.1	0	0	20067.3	-0.01
225	24	2001	0	0	0	4.07	2.24	0	0	0	-4.2	0.1	0	0	20071.3	-0.02
226	24	2001	0	0	0	4.05	1.82	0	0	0	-4.2	0.1	0	0	20075.4	-0.02
227	24	2001	0	0	0	3.73	1.62	0	0	0	-3.8	0.1	0	0	20079.1	-0.02
228	24	2001	6.86	0	0	2.92	0.68	0	0	0	3.8	0.1	0	0	20082.1	-0.02
229	24	2001	2.03	0	0	3.36	0.85	0	0	0	-1.4	0.1	0	0	20085.4	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
230	24	2001	0	0	0	2.92	0.96	0	0	0	-3.0	0.1	0	0	20088.3	-0.01
231	24	2001	22.35	0	0	3.73	1.16	0	0	0	18.5	0.1	0	0	20092.1	0.01
232	24	2001	16.51	0	0	4.61	1.6	0	0	0	11.8	0.1	0	0	20096.7	-0.04
233	24	2001	0.25	0	0	3.72	2.31	0	0	0	-3.6	0.1	0	0	20100.4	-0.03
234	24	2001	0	0	0	5.21	3.35	0	0	0	-5.3	0.1	0	0	20105.6	-0.04
235	24	2001	0	0	0	2.44	1.73	0	0	0	-2.5	0.1	0	0	20108.1	-0.02
236	24	2001	0	0	0	4.77	3	0	0	0	-4.9	0.1	0	0	20112.8	-0.03
237	24	2001	0	0	0	4.6	3.01	0	0	0	-4.7	0.1	0	0	20117.4	-0.03
238	24	2001	3.56	0	0	4.98	2.03	0	0	0	-1.6	0.1	0	0	20122.4	0
239	24	2001	0	0	0	2.93	1.84	0	0	0	-3.0	0.1	0	0	20125.3	-0.02
240	24	2001	8.89	0.07	0	2.61	0.1	0	0	0	6.1	0.1	0	0	20128	-0.04
241	24	2001	0	0	0	3.81	2.41	0	0	0	-3.9	0.1	0	0	20131.8	-0.02
242	24	2001	0	0	0	3.96	2.57	0	0	0	-4.0	0.1	0	0	20135.7	-0.04
243	24	2001	25.91	0	0	3.59	1.07	0	0	0	22.2	0.1	0	0	20139.3	-0.04
244	24	2001	0	0	0	3.85	2.25	0	0	0	-3.9	0.1	0	0	20143.2	-0.05
245	24	2001	0	0	0	3.74	2.63	0	0	0	-3.8	0.1	0	0	20146.9	-0.03
246	24	2001	0	0	0	4.63	3.45	0	0	0	-4.7	0.1	0	0	20151.5	-0.04
247	24	2001	0	0	0	3.86	2.93	0	0	0	-4.0	0.1	0	0	20155.4	-0.01
248	24	2001	0	0	0	4.46	2.87	0	0	0	-4.6	0.1	0	0	20159.9	-0.03
249	24	2001	0	0	0	3.48	2.57	0	0	0	-3.6	0.1	0	0	20163.3	-0.03
250	24	2001	0	0	0	3.43	2.49	0	0	0	-3.5	0.1	0	0	20166.8	-0.03
251	24	2001	0	0	0	2.89	2.09	0	0	0	-3.0	0.1	0	0	20169.7	-0.01
252	24	2001	0	0	0	2.66	1.68	0	0	0	-2.7	0.1	0	0	20172.3	-0.03
253	24	2001	5.33	0	0	3.07	0.17	0	0	0	2.2	0.1	0	0	20175.4	-0.02
254	24	2001	0	0	0	2.2	0.95	0	0	0	-2.3	0.1	0	0	20177.6	-0.04
255	24	2001	0	0	0	1.87	0.97	0	0	0	-2.0	0.1	0	0	20179.5	-0.03
256	24	2001	2.03	0	0	2.38	0.3	0	0	0	-0.4	0.1	0	0	20181.8	-0.02
257	24	2001	0	0	0	1.73	0.55	0	0	0	-1.8	0.1	0	0	20183.6	-0.04
258	24	2001	0	0	0	1.42	0.6	0	0	0	-1.5	0.1	0	0	20185	-0.02
259	24	2001	0	0	0	1.05	0.55	0	0	0	-1.2	0.1	0	0	20186	-0.02
260	24	2001	0	0	0	1.02	0.6	0	0	0	-1.1	0.1	0	0	20187.1	-0.03
261	24	2001	0	0	0	0.42	0.4	0	0	0	-0.5	0.1	0	0	20187.5	-0.01
262	24	2001	0	0	0	0.54	0.5	0	0	0	-0.6	0.1	0	0	20188	-0.04
263	24	2001	3.3	0	0	2.26	0.07	0	0	0	0.9	0.1	0	0	20190.3	0.01
264	24	2001	0.51	0	0	1.55	0.53	0	0	0	-1.1	0.1	0	0	20191.8	-0.05
265	24	2001	5.33	0	0	3.21	0.07	0	0	0	2.0	0.1	0	0	20195	-0.02
266	24	2001	0	0	0	1.06	0.48	0	0	0	-1.1	0.1	0	0	20196.1	-0.03
267	24	2001	65.79	0.72	0	2.41	0.04	0	0	0	62.6	0.1	0	0	20198.5	-0.03
268	24	2001	19.81	1.62	0	1.98	0	0	0	0	16.8	0.1	0	0	20200.5	-0.01
269	24	2001	0	0	0	3.4	0.99	0	0	0	-1.9	0.1	0	0	20203.9	-0.03
270	24	2001	0.76	0	0	2.1	1.14	0	0	0	-1.4	0.1	0	0	20206	-0.01
271	24	2001	0	0	0	1.67	1.36	0	0	0	-1.8	0.1	0	0	20207.7	-0.02
272	24	2001	0	0	0	2.95	2.64	0	0	0	-3.0	0.1	0	0	20210.6	-0.04
273	24	2001	0	0	0	2.7	2.44	0	0	0	-2.8	0.1	0	0	20213.3	-0.02
274	24	2001	0	0	0	2.66	2.41	0	0	0	-2.7	0.1	0	0	20216	-0.03
275	24	2001	0	0	0	2.72	2.57	0	0	0	-2.8	0.1	0	0	20218.7	-0.02
276	24	2001	0	0	0	3.59	3.3	0	0	0	-3.7	0.1	0	0	20222.3	-0.05
277	24	2001	0	0	0	3.93	3.52	0	0	0	-4.0	0.1	0	0	20226.2	-0.02
278	24	2001	0	0	0	2.45	2.14	0	0	0	-2.5	0.1	0	0	20228.7	-0.04
279	24	2001	7.87	0	0	5.32	1.69	0	0	0	2.5	0.1	0	0	20234	-0.04
280	24	2001	4.06	0	0	3.7	0	0	0	0	0.3	0.1	0	0	20237.7	-0.03
281	24	2001	0.51	0	0	1.89	1.1	0	0	0	-1.5	0.1	0	0	20239.6	-0.01
282	24	2001	0	0	0	2.63	2.14	0	0	0	-2.7	0.1	0	0	20242.2	-0.04
283	24	2001	0	0	0	2.89	2.68	0	0	0	-3.0	0.1	0	0	20245.1	-0.02
284	24	2001	0	0	0	2.87	2.66	0	0	0	-2.9	0.1	0	0	20248	-0.03
285	24	2001	1.27	0	0	1.46	0.49	0	0	0	-0.3	0.1	0	0	20249.4	-0.02
286	24	2001	0	0	0	2.66	2.54	0	0	0	-2.7	0.1	0	0	20252.1	-0.02
287	24	2001	4.83	0	0	3.23	0.38	0	0	0	1.6	0.1	0	0	20255.3	-0.07
288	24	2001	0.51	0	0	2.68	1.6	0	0	0	-2.2	0.1	0	0	20258	-0.05
289	24	2001	4.83	0	0	4.2	1.17	0	0	0	0.6	0.1	0	0	20262.2	-0.04
290	24	2001	3.81	0.08	0	3.1	0.11	0	0	0	0.6	0.1	0	0	20265.3	-0.03
291	24	2001	0	0	0	2.08	1.36	0	0	0	-2.1	0.1	0	0	20267.4	-0.04
292	24	2001	0	0	0	2.38	1.97	0	0	0	-2.5	0.1	0	0	20269.7	-0.02
293	24	2001	0.51	0	0	2.33	1.72	0	0	0	-1.9	0.1	0	0	20272.1	0
294	24	2001	14.48	0.26	0	2.33	0.2	0	0	0	11.8	0.1	0	0	20274.4	0.01
295	24	2001	0	0	0	1.27	0.86	0	0	0	-1.1	0.1	0	0	20275.7	-0.01
296	24	2001	0	0	0	1.84	1.56	0	0	0	-1.9	0.1	0	0	20277.5	-0.05
297	24	2001	2.29	0.71	0	0.89	0.06	0	0	0	0.6	0.1	0	0	20278.4	0.02
298	24	2001	1.52	0	0	3.58	1.42	0	0	0	-1.4	0.1	0	0	20282	-0.02
299	24	2001	0.25	0	0	2.43	1.22	0	0	0	-2.2	0.1	0	0	20284.4	-0.04
300	24	2001	5.59	0.16	0	2.54	0	0	0	0	2.8	0.1	0	0	20287	0
301	24	2001	0	0	0	1.07	0.48	0	0	0	-1.0	0.1	0	0	20288	-0.01
302	24	2001	0	0	0	1.3	1.04	0	0	0	-1.4	0.1	0	0	20289.3	-0.01
303	24	2001	0	0	0	1.62	1.13	0	0	0	-1.7	0.1	0	0	20290.9	-0.02
304	24	2001	2.29	0.45	0	1.17	0	0	0	0	0.6	0.1	0	0	20292.1	0.01
305	24	2001	0	0	0	2.22	1.68	0	0	0	-1.9	0.1	0	0	20294.3	-0.01
306	24	2001	16.76	0	0	3.14	1.1	0	0	0	13.5	0.1	0	0	20297.5	0
307	24	2001	0	0	0	1.91	1.4	0	0	0	-2.0	0.1	0	0	20299.4	-0.04
308	24	2001	1.27	0	0	1.87	0.7	0	0	0	-0.7	0.1	0	0	20301.3	-0.03
309	24	2001	2.79	0.48	0	1.87	0	0	0	0	0.4	0.1	0	0	20303.1	-0.01
310	24	2001	0	0	0	1.57	0.65	0	0	0	-1.2	0.1	0	0	20304.7	-0.02
311	24	2001	0	0	0	0.87	0.64	0	0	0	-0.9	0.1	0	0	20305.6	-0.02
312	24	2001	1.27	0	0	2.07	0.94	0	0	0	-0.9	0.1	0	0	20307.6	-0.03
313	24	2001	0.76	0	0	1.45	0.48	0	0	0	-0.8	0.1	0	0	20309.1	-0.02
314	24	2001	1.02	0	0	1.78	0.83	0	0	0	-0.8	0.1	0	0	20310.9	-0.02
315	24	2001	0.51	0	0	0.94	0	0	0	0	-0.5	0.1	0	0	20311.8	-0.02
316	24	2001	0.25	0	0	1.09	0.46	0	0	0	-0.9	0.1	0	0	20312.9	-0.02
317	24	2001	0	0	0	1.24	1.11	0	0	0	-1.3	0.1	0	0	20314.1	-0.01
318	24	2001	0.25	0	0	0.76	0.54	0	0	0	-0.6	0.1	0	0	20314.9	0
319	24	2001	0.51	0	0	0.92	0.55	0	0	0	-0.5	0.1	0	0	20315.8	-0.03
320	24	2001	0	0	0	1.44	1.15	0	0	0	-1.5	0.1	0	0	20317.3	-0.05
321	24	2001	0	0	0	0.91	0.73	0	0	0	-1.0	0.1	0	0	20318.2	-0.02
322	24	2001	0	0	0	1.32	1.22	0	0	0	-1.4	0.1	0	0	20319.5	-0.02
323	24	2001	3.56	0	0	2.61	0.61	0	0	0	0.9	0.1	0	0	20322.1	-0.01
324	24	2001	10.16	0.88	0	1.41	0	0	0	0	7.8	0.1	0	0	20323.5	-0.01
325	24	2001	0	0	0	1.81	0.57	0	0	0	-1.0	0.1	0	0	20325.3	-0.02
326	24	2001	0	0	0	1.14	1.01	0	0	0	-1.2	0.1	0	0	20326.5	-0.01
327	24	2001	0	0	0	1.62	1.42	0	0	0	-1.7	0.1	0	0	20328.1	-0.01
328	24	2001	0	0	0	1.19	1.14	0	0	0	-1.3	0.1	0	0	20329.3	-0.02
329	24	2001	10.16	0	0	1.86	0.07	0	0	0	8.2	0.1	0	0	20331.1	0.06
330	24	2001	0.25	0	0	0.66	0.32	0	0	0	-0.5	0.1	0	0	20331.8	-0.02
331	24	2001	2.03	0.77	0	0.65	0.03	0	0	0	0.6	0.1	0	0	20332.4	-0.01
332	24	2001	5.84	1.37	0	0.65	0	0	0	0	4.5	0.1	0	0	20333.1	-0.02
333	24	2001	8.89	0.76	0	1.19	0	0	0	0	8.2	0.1	0	0	20334.3	0
334	24	2001	7.87	1.3	0	0.49	0	0	0	0	6.8	0.1	0	0	20334.8	0
335	24	2001	0	0.09	0	1.4	0	0	0	0	-0.3	0.1	0	0	20336.2	-0.01
336	24	2001	0	0	0	1.03	0.56	0	0	0	-1.0	0.1	0	0	20337.2	-0.02
337	24	2001	0	0	0	1.45	1.16	0	0	0	-1.5	0.1	0	0	20338.7	-0.02
338	24	2001	0.51	0	0	0.84	0.49	0	0	0	-0.4	0.1	0	0	20339.5	0
339	24	2001	0	0	0	0.93	0.94	0	0	0	-1.0	0.1	0	0	20340.4	0.01
340	24	2001	0.76	0	0	2.02	1.18	0	0	0	-1.3	0.1	0	0	20342.4	-0.04
341	24	2001	0	0	0	1.17	0.82	0	0	0	-1.2	0.1	0	0	20343.6	-0.02
342	24	2001	2.29	0.78	0.58	0.89	0	0	0	0	0.5	0.1	0	0	20344.5	-0.01
343	24	2001	2.54	1.32	0	0.57	0	0	0	0	1.4	0.1	0	0	20345.1	0
344	24	2001	0	0.46	0	1.05	0	0	0	0	-0.3	0.1	0	0	20346.1	0
345	24	2001	0	0	0	0.6	0.06	0	0	0	-0.2	0.1	0	0	20346.7	-0.01
346	24	2001	0.51	0	0	1.06	0.55	0	0	0	-0.6	0.1	0	0	20347.8	-0.03
347	24	2001	1.02	0	0	0.73	0.15	0	0	0	0.2	0.1	0	0	20348.5	-0.01
348	24	2001	16.26	1.06	0	0.87	0.01	0	0	0	14.3	0.1	0	0	20349.4	-0.02
349	24	2001	0.25	0.39	0	1.19	0	0	0	0	-0.3	0.1	0	0	20350.6	0
350	24	2001	0	0	0	0.52	0	0	0	0	-0.2	0.1	0	0	20351.1	0
351	24	2001	9.91	1.43	0	0.38	0	0	0	0	8.0	0.1	0	0	20351.5	0.02
352	24	2001	8.89	1.35	0	0.46	0	0	0	0	8.4	0.1	0	0	20351.9	-0.01
353	24	2001	2.79	0.78	0	1	0	0	0	0	2.3	0.1	0	0	20352.9	-0.01
354	24	2001	5.33	0.09	0	2.13	0	0	0	0	3.8	0.1	0	0	20355.1	-0.01
355	24	2001	1.02	0	0.43	1.03	0	0	0	0	0.0	0.1	0	0	20356.1	-0.03
356	24	2001	0	0	0	0.27	0	0	0	0	-0.4	0.1	0	0	20356.4	0
357	24	2001	3.3	0.6	0.77	1.28	0	0	0.87	0	0.5	0.1	0	0	20357.6	0
358	24	2001	0	0	0.77	0.7	0	0	-0.87	0	0.7	0.1	0	0	20358.3	0
359	24	2001	0	0	0	0.49	0	0	0	0	-0.6	0.1	0	0	20358.8	0
360	24	2001	0	0	0	0.66	0	0	0	0	-0.7	0.1	0	0	20359.5	0
361	24	2001	0	0	0	0.56	0	0	0	0	-0.6	0.1	0	0	20360.1	-0.02
362	24	2001	0.25	0	0.11	0.44	0	0	0	0	-0.4	0.1	0	0.11	20360.5	0
363	24	2001	0	0	0	0.47	0	0	0	0	-0.5	0.1	0	0.11	20361	-0.02
364	24	2001	0	0	0	0.64	0	0	0	0	-0.7	0.1	0	0.11	20361.6	-0.02
365	24	2001	0	0	0	0.55	0	0	0	0	-0.6	0.1	0	0.11	20362.1	0.01
1	24	2002	0.76	0	0.44	0.86	0	0	0	0	-0.5	0.1	0	0.44	20363	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
2	24	2002	0.25	0	0	0.3	0	0	0.6	0	-0.3	0.1	0	0	20363.3	0
3	24	2002	0.51	0	0	0.38	0	0	0.4	0	-0.3	0.1	0	0	20363.7	0
4	24	2002	0.25	0	0	0.24	0	0	0.25	0	-0.3	0.1	0	0	20363.9	0
5	24	2002	0.51	0	0.3	0.29	0	0	-0.14	0	0.3	0.1	0	0	20364.2	0
6	24	2002	5.33	1.27	0.56	0.31	0	0	3.28	0	0.4	0.1	0	0	20364.5	0
7	24	2002	0.76	0.95	0	0.72	0	0	0.59	0	-0.3	0.1	0	0	20365.3	0
8	24	2002	0	0.12	0	0.88	0	0	0.14	0	-0.3	0.1	0	0	20366.1	0
9	24	2002	1.02	0	1.28	0.79	0.11	0	-0.81	0	0.1	0.1	0.96	0	20366.9	0
10	24	2002	0	0	2.12	0.41	0.43	0	-2.18	0	0.4	0.1	1.31	0	20367.3	0.01
11	24	2002	2.79	0.95	2.09	0.6	0	0	-0.86	0	1.0	0.1	1.06	0	20367.9	-0.02
12	24	2002	0	0	0.7	1.48	0.52	0	-0.62	0	0.0	0.1	0	0	20369.4	-0.01
13	24	2002	0.76	0	1.01	0.53	0	0	-0.66	0	0.7	0.1	0.08	0	20369.9	-0.01
14	24	2002	0	0	0	0.34	0	0	0	0	-0.4	0.1	0	0	20370.3	0
15	24	2002	5.59	0.98	0	0.58	0	0	0	0	0.0	0.1	3.91	0	20370.9	0.02
16	24	2002	1.78	0.9	0.07	0.84	0	0	1.29	0	-0.4	0.1	0.07	0	20371.7	0
17	24	2002	2.03	0.28	0.21	1.42	0	0	1.18	0	-0.2	0.1	0.21	0	20373.1	0
18	24	2002	0	0	0	0.43	0	0	0.15	0	-0.4	0.1	0	0	20373.6	0
19	24	2002	2.03	0.18	0	0.94	0	0	1.17	0	-0.3	0.1	0	0	20374.5	0
20	24	2002	0	0	0.07	0.21	0	0	0.07	0	-0.2	0.1	0.07	0	20374.7	-0.01
21	24	2002	1.52	0	0.24	0.82	0	0	0.51	0	-0.1	0.1	0.24	0	20375.5	0
22	24	2002	0.25	0	1.21	0.59	0.44	0	-1.03	0	-0.6	0.1	1.21	0	20376.1	0
23	24	2002	0	0	2.14	0.59	0.59	0	-2.2	0	-0.6	0.1	2.13	0	20376.7	-0.01
24	24	2002	2.03	0.73	1.86	0.35	0	0	-1.15	0	0.5	0.1	1.52	0	20377.1	-0.01
25	24	2002	0.76	0	0	1.49	0.23	0	0	0	-0.3	0.1	0.27	0	20378.6	-0.01
26	24	2002	0	0	0	1.17	0.96	0	0	0	-1.2	0.1	0	0	20379.7	-0.01
27	24	2002	0	0	0	1.03	0.97	0	0	0	-1.1	0.1	0	0	20380.8	0
28	24	2002	0	0	0	0.95	0.96	0	0	0	-1.0	0.1	0	0	20381.7	0
29	24	2002	2.29	0.9	0	0.32	0	0	0	0	1.0	0.1	0	0	20382	-0.01
30	24	2002	6.1	1.18	0.03	0.36	0	0	5.55	0	-0.2	0.1	0	0	20382.4	0
31	24	2002	16.76	0.58	0	0.62	0	0	16.81	0	-0.1	0.1	0	0	20383	0
32	24	2002	11.43	0	14.04	1.56	0.37	0	-3.19	0	13.6	0.1	0	0	20384.6	0
33	24	2002	0	0	0.41	0.07	0	0	-0.36	0	0.2	0.1	0	0	20384.6	-0.01
34	24	2002	0	0	1.04	0.01	0	0	-0.95	0	0.9	0.1	0	0	20384.6	0
35	24	2002	0.51	0	0.84	0.25	0	0	-0.42	0	0.6	0.1	0	0	20384.9	-0.01
36	24	2002	0.76	0	0	0.44	0	0	0.53	0	-0.3	0.1	0	0	20385.3	-0.01
37	24	2002	0.51	0	0.88	0.22	0	0	-0.47	0	0.2	0.1	0.47	0	20385.6	0
38	24	2002	0	0	2.1	0.62	0.62	0	-1.98	0	-0.8	0.1	2.1	0	20386.2	-0.01
39	24	2002	0	0	2.76	0.43	0.43	0	-2.72	0	-0.5	0.1	2.76	0	20386.6	0
40	24	2002	0	0	1.93	0.04	0	0	-1.83	0	-0.2	0.1	1.93	0	20386.6	0
41	24	2002	9.65	0	12.01	1.44	0.09	0	-3.7	0	-0.2	0.1	12.01	0	20388.1	-0.01
42	24	2002	2.79	0	0.15	1.88	0.39	0	1.32	0	-0.6	0.1	0.15	0	20390	-0.01
43	24	2002	0.25	0	0.89	0.21	0	0	-0.75	0	-0.2	0.1	0.89	0	20390.2	0
44	24	2002	0.25	0	0.66	0.3	0	0	-0.57	0	-0.2	0.1	0.66	0	20390.5	0
45	24	2002	0	0	1.48	0.41	0.28	0	-1.52	0	-0.4	0.1	1.48	0	20390.9	0
46	24	2002	0	0	2.37	0.89	0.83	0	-2.4	0	-0.9	0.1	2.37	0	20391.8	0
47	24	2002	1.27	0	2.87	0.99	0.37	0	-2.2	0	-0.4	0.1	2.82	0	20392.8	0.01
48	24	2002	0.76	0	0.21	0.54	0	0	0.17	0	-0.2	0.1	0.21	0	20393.3	-0.01
49	24	2002	0	0	0.26	0.17	0	0	-0.04	0	-0.5	0.1	0.26	0	20393.5	0
50	24	2002	0	0	0.48	0.88	0.81	0	-0.37	0	-1.1	0.1	0.48	0	20394.3	0
51	24	2002	0.51	0	0.79	1.12	0.89	0	-0.92	0	-0.6	0.1	0.81	0	20395.5	0
52	24	2002	4.06	0.72	0	0.66	0.04	0	0	0	2.6	0.1	0	0	20396.1	-0.01
53	24	2002	0.76	0.08	0	1.11	0	0	0	0	0.2	0.1	0	0	20397.2	-0.01
54	24	2002	0.51	0	0.26	0.9	0	0	0	0	-0.6	0.1	0	0.26	20398.1	0
55	24	2002	0	0	0	1.25	0.86	0	0	0	-1.1	0.1	0	0	20399.4	-0.01
56	24	2002	0	0	0	1.64	1.46	0	0	0	-1.7	0.1	0	0	20401	-0.01
57	24	2002	2.03	0	0	2.26	1.15	0	0	0	-0.3	0.1	0	0	20403.3	0
58	24	2002	0.51	0	0.26	1.16	0	0	0	0	-0.7	0.1	0	0	20404.5	-0.01
59	24	2002	0	0	0	1.07	0	0	0	0	-1.1	0.1	0	0	20405.5	0
60	24	2002	0	0	0	0.52	0	0	0	0	-0.6	0.1	0	0	20406	0.01
61	24	2002	0	0	0	1.06	0.75	0	0	0	-1.1	0.1	0	0	20407.1	0
62	24	2002	1.78	0	0	1.85	0.99	0	0	0	-0.2	0.1	0	0	20408.9	0.01
63	24	2002	0.76	0	0.4	1.79	0	0	0	0	-1.5	0.1	0	0.4	20410.7	-0.01
64	24	2002	0	0	0	0.97	0	0	0	0	-1.0	0.1	0	0.4	20411.7	-0.01
65	24	2002	2.29	0.01	0	1.09	0	0	0	0	1.5	0.1	0	0	20412.8	0.01
66	24	2002	2.03	0.62	0	0.38	0	0	0	0	1.0	0.1	0	0	20413.2	0
67	24	2002	0	0	0	2.42	1.65	0	0	0	-1.9	0.1	0	0	20415.6	-0.02
68	24	2002	5.08	0	0	2.91	1.1	0	0	0	2.2	0.1	0	0	20418.5	-0.04
69	24	2002	0.25	0	0.13	2.03	0	0	0	0	-1.8	0.1	0	0	20420.5	-0.02
70	24	2002	1.27	0	0.3	1.47	0	0	0	0	-0.3	0.1	0	0	20422	0
71	24	2002	0	0	0	0.81	0.6	0	0	0	-0.9	0.1	0	0	20422.8	0
72	24	2002	0	0	0	0.79	0.57	0	0	0	-0.9	0.1	0	0	20423.6	0
73	24	2002	0	0	0	1.95	1.06	0	0	0	-2.0	0.1	0	0	20425.5	-0.01
74	24	2002	0.51	0	0	1.09	0.77	0	0	0	-0.7	0.1	0	0	20426.6	0
75	24	2002	4.57	0	0	2.26	0.25	0	0	0	2.3	0.1	0	0	20428.9	-0.02
76	24	2002	0	0	0	1.53	0.56	0	0	0	-1.6	0.1	0	0	20430.4	-0.01
77	24	2002	5.84	0.32	0	1.13	0	0	0	0	4.3	0.1	0	0	20431.6	0.02
78	24	2002	0	0	0	1.4	0.39	0	0	0	-1.1	0.1	0	0	20433	-0.01
79	24	2002	14.48	0.33	0	1.38	0	0	0	0	12.7	0.1	0	0	20434.3	0.01
80	24	2002	2.29	0	0.92	2.41	0.48	0	0	0	0.2	0.1	0	0	20436.8	-0.01
81	24	2002	2.79	0	0	2.1	0	0	1.67	0	-1.0	0.1	0	0	20438.8	-0.01
82	24	2002	0.25	0	1.33	0.5	0	0	-1.67	0	1.4	0.1	0	0	20439.3	0.02
83	24	2002	0	0	0	0.8	0	0	0	0	-0.9	0.1	0	0	20440.1	0.02
84	24	2002	0.76	0	0.42	1.41	0	0	0	0	-1.1	0.1	0	0.42	20441.6	0.01
85	24	2002	24.13	0.11	0.58	0.85	0	0	23.13	0	0.4	0.1	0	0	20442.4	0.01
86	24	2002	0.25	0	3.54	0.28	0	0	-3.46	0	3.5	0.1	0	0	20442.7	0
87	24	2002	0	0	7.7	1.23	1.23	0	-7.62	0	6.3	0.1	0	0	20443.9	-0.01
88	24	2002	0	0	10.63	1.54	1.57	0	-10.56	0	9.0	0.1	0	0	20445.5	0
89	24	2002	0.25	0	0.58	3.25	1.94	0	-1.49	0	-1.6	0.1	0	0	20448.7	-0.02
90	24	2002	0.25	0	0	2.8	1.47	0	0	0	-2.6	0.1	0	0	20451.5	-0.01
91	24	2002	5.08	0	0	1.92	0.15	0	0	0	3.1	0.1	0	0	20453.4	0
92	24	2002	5.59	0	0	1.97	0.13	0	0	0	3.6	0.1	0	0	20455.4	-0.03
93	24	2002	6.86	0	0	1.6	0.1	0	0	0	5.2	0.1	0	0	20457	-0.01
94	24	2002	0	0	0	1.57	0	0	0	0	-1.6	0.1	0	0	20458.6	-0.02
95	24	2002	0	0	0	0.9	0	0	0	0	-1.0	0.1	0	0	20459.5	0
96	24	2002	1.52	0	0.46	2.28	0	0	0	0	-0.8	0.1	0	0	20461.8	-0.01
97	24	2002	0	0	0	2.21	0.88	0	0	0	-2.3	0.1	0	0	20464	-0.01
98	24	2002	1.52	0	0	2.02	0.99	0	0	0	-0.6	0.1	0	0	20466	0
99	24	2002	8.89	0	0	2.05	0.64	0	0	0	6.8	0.1	0	0	20468	-0.02
100	24	2002	0	0	0	3.18	1.29	0	0	0	-3.2	0.1	0	0	20471.2	-0.02
101	24	2002	0	0	0	4.01	2.18	0	0	0	-4.1	0.1	0	0	20475.2	-0.02
102	24	2002	0	0	0	4.44	2.39	0	0	0	-4.5	0.1	0	0	20479.7	-0.01
103	24	2002	21.59	0.23	0	0.94	0.02	0	0	0	20.4	0.1	0	0	20480.6	-0.01
104	24	2002	13.97	0	0	2.66	0.59	0	0	0	11.5	0.1	0	0	20483.3	0.02
105	24	2002	0	0	0	3.34	2	0	0	0	-3.4	0.1	0	0	20486.6	0
106	24	2002	0	0	0	4.27	2.5	0	0	0	-4.3	0.1	0	0	20490.9	-0.01
107	24	2002	0	0	0	4.85	2.74	0	0	0	-4.9	0.1	0	0	20495.7	-0.01
108	24	2002	0	0	0	4.75	2.49	0	0	0	-4.8	0.1	0	0	20500.5	-0.02
109	24	2002	0	0	0	4.75	2.56	0	0	0	-4.8	0.1	0	0	20505.2	-0.04
110	24	2002	0.25	0	0	4.08	1.75	0	0	0	-3.9	0.1	0	0	20509.3	-0.02
111	24	2002	0	0	0	3.21	0.78	0	0	0	-3.3	0.1	0	0	20512.5	-0.01
112	24	2002	1.78	0	0	1.55	0	0	0	0	0.2	0.1	0	0	20514	0
113	24	2002	0	0	0	3.63	1.07	0	0	0	-3.7	0.1	0	0	20517.7	0
114	24	2002	0	0	0	3.88	1.61	0	0	0	-3.9	0.1	0	0	20521.6	-0.01
115	24	2002	13.21	0	0	2.26	0.33	0	0	0	10.9	0.1	0	0	20523.8	0
116	24	2002	4.57	0	0	3.53	0.55	0	0	0	1.0	0.1	0	0	20527.3	-0.02
117	24	2002	0	0	0	3.86	1.35	0	0	0	-3.9	0.1	0	0	20531.2	-0.01
118	24	2002	20.32	0	0	1.76	0.19	0	0	0	18.5	0.1	0	0	20533	0.01
119	24	2002	0.76	0	0	1.04	0	0	0	0	-0.3	0.1	0	0	20534	-0.02
120	24	2002	5.33	0	0	1.84	0.18	0	0	0	3.4	0.1	0	0	20535.8	-0.01
121	24	2002	0	0	0	3.96	1.56	0	0	0	-4.0	0.1	0	0	20539.8	-0.02
122	24	2002	11.43	0	0	2.07	0.57	0	0	0	9.3	0.1	0	0	20541.9	0
123	24	2002	0.76	0	0	3.63	0.99	0	0	0	-2.9	0.1	0	0	20545.5	-0.03
124	24	2002	0	0	0	4.2	1.92	0	0	0	-4.3	0.1	0	0	20549.7	-0.01
125	24	2002	0	0	0	4.41	2.22	0	0	0	-4.5	0.1	0	0	20554.1	-0.01
126	24	2002	2.03	0	0	5.04	2.45	0	0	0	-3.1	0.1	0	0	20559.1	-0.02
127	24	2002	2.54	0	0	2.85	0.95	0	0	0	-0.4	0.1	0	0	20562	-0.02
128	24	2002	0	0	0	3.62	1.67	0	0	0	-3.7	0.1	0	0	20565.6	-0.02
129	24	2002	19.56	0	0	2.78	0.75	0	0	0	16.7	0.1	0	0	20568.4	-0.01
130	24	2002	0	0	0	5.74	2.73	0	0	0	-5.8	0.1	0	0	20574.1	-0.02
131	24	2002	0	0	0	4.7	2.14	0	0	0	-4.8	0.1	0	0	20578.8	-0.01
132	24	2002	22.61	0.66	0	1.13	0.05	0	0	0	20.7	0.1	0	0	20580	0.01
133	24	2002	22.86	0.8	0	0.95	0	0	0	0	21.7	0.1	0	0	20580.9	0
134	24	2002	7.87	0	0	2.69	0	0	0	0	5.9	0.1	0	0	20583.6	-0.01
135	24	2002	0	0	0	5.14	2.76	0	0	0	-5.2	0.1	0	0	20588.7	-0.02
136	24	2002	4.06	0	0	3.3	1.18	0	0	0	0.7	0.1	0	0	20592	-0.01
137	24	2002	7.87	0	0	3.54	0.82	0	0	0	4.3	0.1	0	0	20595.6	-0.02
138	24	2002	7.62	0	0	3.21	0.43	0	0	0	4.4	0.1	0	0	20598.8	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
139	24	2002	0	0	0	3.5	1.76	0	0	0	-3.6	0.1	0	0	20602.3	-0.01
140	24	2002	0	0	0	2.75	1.49	0	0	0	-2.8	0.1	0	0	20605	-0.01
141	24	2002	0	0	0	3.86	2.29	0	0	0	-3.9	0.1	0	0	20608.9	-0.01
142	24	2002	0	0	0	5.01	3.05	0	0	0	-5.1	0.1	0	0	20613.9	0
143	24	2002	0	0	0	5.55	3.79	0	0	0	-5.6	0.1	0	0	20619.5	-0.02
144	24	2002	4.06	0	0	2.79	0.58	0	0	0	1.2	0.1	0	0	20622.2	-0.03
145	24	2002	0	0	0	4.83	2.93	0	0	0	-4.9	0.1	0	0	20627.1	-0.02
146	24	2002	5.59	0	0	4.5	1.46	0	0	0	1.0	0.1	0	0	20631.6	-0.01
147	24	2002	0	0	0	5.03	3.56	0	0	0	-5.1	0.1	0	0	20636.6	-0.03
148	24	2002	0	0	0	4.58	3.44	0	0	0	-4.7	0.1	0	0	20641.2	-0.01
149	24	2002	1.78	0	0	4.87	2.74	0	0	0	-3.2	0.1	0	0	20646	-0.01
150	24	2002	16.26	0	0	3.84	1.33	0	0	0	12.3	0.1	0	0	20649.9	0
151	24	2002	9.65	0	0	4.52	1.6	0	0	0	5.1	0.1	0	0	20654.4	-0.04
152	24	2002	0.25	0	0	7.53	5.21	0	0	0	-7.3	0.1	0	0	20661.9	-0.02
153	24	2002	2.79	0	0	6.43	2.51	0	0	0	-3.7	0.1	0	0	20668.4	-0.03
154	24	2002	0	0	0	5.1	3.15	0	0	0	-5.2	0.1	0	0	20673.5	-0.02
155	24	2002	0.76	0	0	3.08	1.98	0	0	0	-2.4	0.1	0	0	20676.5	-0.01
156	24	2002	5.59	0	0	5.12	2.48	0	0	0	0.4	0.1	0	0	20681.7	0.03
157	24	2002	3.81	0.09	0	3.07	0.23	0	0	0	0.6	0.1	0	0	20684.7	-0.02
158	24	2002	0	0	0	5.1	3.75	0	0	0	-5.1	0.1	0	0	20689.8	-0.01
159	24	2002	0	0	0	6.01	4.39	0	0	0	-6.1	0.1	0	0	20695.8	-0.03
160	24	2002	0	0	0	3.9	3.2	0	0	0	-4.0	0.1	0	0	20699.7	-0.02
161	24	2002	0	0	0	5.24	4.19	0	0	0	-5.3	0.1	0	0	20705	-0.01
162	24	2002	0.25	0	0	6.51	5.08	0	0	0	-6.3	0.1	0	0	20711.5	-0.02
163	24	2002	5.33	0	0	3.4	0.52	0	0	0	1.9	0.1	0	0	20714.9	-0.04
164	24	2002	0	0	0	3.55	2.87	0	0	0	-3.6	0.1	0	0	20718.4	-0.04
165	24	2002	72.64	0.77	0	2.39	0.17	0	0	0	69.4	0.1	0	0	20720.8	-0.02
166	24	2002	19.05	0	0	3.31	0	0	0	0	16.4	0.1	0	0	20724.1	0
167	24	2002	6.6	0	0	4.25	1.06	0	0	0	2.3	0.1	0	0	20728.4	-0.02
168	24	2002	0	0	0	4.26	3.16	0	0	0	-4.3	0.1	0	0	20732.7	-0.04
169	24	2002	0	0	0	5.1	4.19	0	0	0	-5.2	0.1	0	0	20737.8	-0.02
170	24	2002	0	0	0	5.68	4.69	0	0	0	-5.8	0.1	0	0	20743.4	-0.02
171	24	2002	0	0	0	5.89	4.87	0	0	0	-6.0	0.1	0	0	20749.3	-0.03
172	24	2002	0	0	0	6.31	5.31	0	0	0	-6.4	0.1	0	0	20755.6	-0.02
173	24	2002	0	0	0	2.98	2.74	0	0	0	-3.1	0.1	0	0	20758.6	-0.02
174	24	2002	0	0	0	6.1	5.21	0	0	0	-6.2	0.1	0	0	20764.7	-0.06
175	24	2002	0	0	0	6.11	4.79	0	0	0	-6.2	0.1	0	0	20770.8	-0.06
176	24	2002	0	0	0	5.25	4.62	0	0	0	-5.3	0.1	0	0	20776.1	-0.03
177	24	2002	9.91	0	0	6.09	2.75	0	0	0	3.7	0.1	0	0	20782.2	0
178	24	2002	7.62	0	0	5.61	2.15	0	0	0	1.9	0.1	0	0	20787.8	-0.02
179	24	2002	1.27	0	0	6.83	4.39	0	0	0	-5.6	0.1	0	0	20794.6	-0.06
180	24	2002	0	0	0	5.62	4.75	0	0	0	-5.7	0.1	0	0	20800.2	-0.04
181	24	2002	0	0	0	5.67	4.85	0	0	0	-5.8	0.1	0	0	20805.9	-0.03
182	24	2002	0	0	0	6.26	5.31	0	0	0	-6.4	0.1	0	0	20812.2	-0.01
183	24	2002	0	0	0	6.82	5.83	0	0	0	-6.9	0.1	0	0	20819	-0.02
184	24	2002	0	0	0	7.51	6.09	0	0	0	-7.6	0.1	0	0	20826.5	-0.04
185	24	2002	0	0	0	6.79	5.38	0	0	0	-6.9	0.1	0	0	20833.3	-0.05
186	24	2002	0	0	0	4.66	3.3	0	0	0	-4.8	0.1	0	0	20837.9	-0.04
187	24	2002	0	0	0	5	3.71	0	0	0	-5.1	0.1	0	0	20842.9	-0.03
188	24	2002	0	0	0	5.68	4.13	0	0	0	-5.8	0.1	0	0	20848.6	-0.02
189	24	2002	0	0	0	4.46	3.46	0	0	0	-4.6	0.2	0	0	20853.1	-0.02
190	24	2002	17.27	1.29	0	1.69	0.21	0	0	0	14.2	0.2	0	0	20854.8	0
191	24	2002	0.76	0	0	7.11	3.28	0	0	0	-5.2	0.2	0	0	20861.9	-0.01
192	24	2002	0	0	0	5.71	3.84	0	0	0	-5.8	0.2	0	0	20867.6	-0.03
193	24	2002	0	0	0	4.69	3.43	0	0	0	-4.9	0.2	0	0	20872.3	0
194	24	2002	0	0	0	4.63	3.16	0	0	0	-4.8	0.2	0	0	20876.9	-0.02
195	24	2002	0	0	0	4.2	2.7	0	0	0	-4.3	0.2	0	0	20881.1	-0.02
196	24	2002	0	0	0	3.42	2.07	0	0	0	-3.6	0.2	0	0	20884.5	-0.03
197	24	2002	0	0	0	2.77	1.89	0	0	0	-2.9	0.2	0	0	20887.3	-0.03
198	24	2002	0	0	0	1.71	1.75	0	0	0	-1.9	0.2	0	0	20889	-0.02
199	24	2002	0	0	0	0.95	1.14	0	0	0	-1.1	0.2	0	0	20889.9	0
200	24	2002	0.25	0	0	0.94	0.78	0	0	0	-0.8	0.2	0	0	20890.9	-0.03
201	24	2002	0	0	0	1.83	1.27	0	0	0	-1.9	0.2	0	0	20892.7	-0.05
202	24	2002	0	0	0	1.04	1.09	0	0	0	-1.2	0.2	0	0	20893.8	-0.02
203	24	2002	0.51	0	0	1.34	1.05	0	0	0	-1.0	0.2	0	0	20895.1	0.01
204	24	2002	6.1	0	0	2.92	0.27	0	0	0	3.0	0.2	0	0	20898	0.04
205	24	2002	0	0	0	2.52	0.79	0	0	0	-2.7	0.2	0	0	20900.6	-0.03
206	24	2002	0	0	0	1.63	0.73	0	0	0	-1.8	0.2	0	0	20902.2	-0.02
207	24	2002	6.6	0	0	2.86	0.27	0	0	0	3.5	0.2	0	0	20905	0.03
208	24	2002	0	0	0	2.63	1.08	0	0	0	-2.8	0.2	0	0	20907.7	-0.01
209	24	2002	12.95	0	0	4.53	1.68	0	0	0	8.3	0.2	0	0	20912.2	-0.02
210	24	2002	0	0	0	4.64	2.82	0	0	0	-4.8	0.2	0	0	20916.8	-0.01
211	24	2002	0	0	0	3.8	1.51	0	0	0	-3.9	0.2	0	0	20920.6	-0.05
212	24	2002	0	0	0	3.62	1.42	0	0	0	-3.8	0.2	0	0	20924.3	-0.02
213	24	2002	0	0	0	2.61	1.26	0	0	0	-2.8	0.2	0	0	20926.9	-0.02
214	24	2002	0	0	0	1.24	1.18	0	0	0	-1.4	0.2	0	0	20928.1	-0.02
215	24	2002	0	0	0	1.31	0.98	0	0	0	-1.4	0.2	0	0	20929.4	-0.05
216	24	2002	7.11	0	0	3.85	0.57	0	0	0	3.1	0.2	0	0	20933.3	-0.03
217	24	2002	0	0	0	3.16	0.65	0	0	0	-3.3	0.2	0	0	20936.4	-0.02
218	24	2002	0	0	0	1.51	0.47	0	0	0	-1.7	0.2	0	0	20937.9	-0.03
219	24	2002	0	0	0	0.84	0.65	0	0	0	-1.0	0.2	0	0	20938.8	-0.01
220	24	2002	0	0	0	0.95	0.74	0	0	0	-1.1	0.2	0	0	20939.7	-0.03
221	24	2002	0	0	0	0.9	0.74	0	0	0	-1.1	0.2	0	0	20940.6	-0.02
222	24	2002	0	0	0	0.83	0.76	0	0	0	-1.0	0.2	0	0	20941.5	-0.03
223	24	2002	0	0	0	0.62	0.7	0	0	0	-0.8	0.2	0	0	20942.1	-0.01
224	24	2002	0	0	0	0.81	0.69	0	0	0	-1.0	0.2	0	0	20942.9	-0.02
225	24	2002	0	0	0	0.52	0.62	0	0	0	-0.7	0.2	0	0	20943.4	-0.01
226	24	2002	0	0	0	0.71	0.63	0	0	0	-0.9	0.2	0	0	20944.1	-0.02
227	24	2002	0	0	0	0.23	0.4	0	0	0	-0.4	0.2	0	0	20944.3	0
228	24	2002	0	0	0	0.59	0.53	0	0	0	-0.8	0.2	0	0	20944.9	-0.02
229	24	2002	1.78	0	0	2.04	0.35	0	0	0	-0.4	0.2	0	0	20947	-0.02
230	24	2002	0	0	0	0.57	0.47	0	0	0	-0.7	0.2	0	0	20947.5	-0.03
231	24	2002	1.52	0	0	2.04	0.36	0	0	0	-0.7	0.2	0	0	20949.6	-0.02
232	24	2002	0	0	0	0.5	0.45	0	0	0	-0.7	0.2	0	0	20950.1	-0.02
233	24	2002	0	0	0	0.76	0.52	0	0	0	-0.9	0.2	0	0	20950.8	-0.01
234	24	2002	16.51	0	0	2.02	0.49	0	0	0	14.3	0.2	0	0	20952.9	-0.03
235	24	2002	0	0	0	3.69	0.59	0	0	0	-3.9	0.2	0	0	20956.5	-0.02
236	24	2002	41.91	0	0	1.56	0.08	0	0	0	40.2	0.2	0	0	20958.1	-0.02
237	24	2002	0	0	0	4.03	0.33	0	0	0	-4.2	0.2	0	0	20962.1	-0.01
238	24	2002	0	0	0	4.08	0.22	0	0	0	-4.3	0.2	0	0	20966.2	0
239	24	2002	0	0	0	4.15	0.07	0	0	0	-4.4	0.2	0	0	20970.4	0
240	24	2002	0	0	0	3.07	0	0	0	0	-3.3	0.2	0	0	20973.5	0
241	24	2002	0	0	0	2.02	0	0	0	0	-2.2	0.2	0	0	20975.5	-0.01
242	24	2002	0	0	0	3.65	0	0	0	0	-3.8	0.2	0	0	20979.1	0
243	24	2002	0	0	0	3.61	0.01	0	0	0	-3.9	0.2	0	0	20982.7	0.07
244	24	2002	0	0	0	3.21	0.02	0	0	0	-3.4	0.2	0	0	20985.9	0
245	24	2002	0	0	0	0.34	0.05	0	0	0	-0.5	0.2	0	0	20986.3	0.01
246	24	2002	10.16	0	0	3.24	0.03	0	0	0	6.7	0.2	0	0	20989.5	0.02
247	24	2002	0	0	0	4.72	0.02	0	0	0	-4.9	0.2	0	0	20994.2	0.01
248	24	2002	0	0	0	3.2	0.02	0	0	0	-3.4	0.2	0	0	20997.4	0.01
249	24	2002	0	0	0	1.98	0.08	0	0	0	-2.2	0.2	0	0	20999.4	0.01
250	24	2002	0	0	0	0.23	0.15	0	0	0	-0.4	0.2	0	0	20999.6	0.02
251	24	2002	0	0	0	0.2	0.17	0	0	0	-0.4	0.2	0	0	20999.8	0.01
252	24	2002	0	0	0	0.4	0.18	0	0	0	-0.6	0.2	0	0	21000.2	0.01
253	24	2002	0	0	0	0.32	0.2	0	0	0	-0.5	0.2	0	0	21000.6	0.01
254	24	2002	1.78	0	0	1.91	0.06	0	0	0	-0.3	0.2	0	0	21002.5	0.03
255	24	2002	0	0	0	0.96	0.14	0	0	0	-1.2	0.2	0	0	21003.4	0.01
256	24	2002	0	0	0	0.31	0.22	0	0	0	-0.5	0.2	0	0	21003.7	0.02
257	24	2002	1.52	0	0	1.42	0.09	0	0	0	-0.1	0.2	0	0	21005.2	0.01
258	24	2002	18.03	0	0	1.09	0.03	0	0	0	16.8	0.2	0	0	21006.3	0.01
259	24	2002	2.29	0	0	2.64	0.02	0	0	0	-0.6	0.2	0	0	21008.9	0.02
260	24	2002	0	0	0	3.47	0.05	0	0	0	-3.7	0.2	0	0	21012.4	0.01
261	24	2002	0	0	0	3.25	0.06	0	0	0	-3.5	0.2	0	0	21015.6	0.02
262	24	2002	0	0	0	3.9	0.07	0	0	0	-4.1	0.2	0	0	21019.5	0.03
263	24	2002	0	0	0	3.42	0.1	0	0	0	-3.6	0.2	0	0	21022.9	0.01
264	24	2002	0	0	0	1.41	0.06	0	0	0	-1.6	0.2	0	0	21024.3	0.02
265	24	2002	19.05	0	0	1.85	0.04	0	0	0	17.0	0.2	0	0	21026.2	0.01
266	24	2002	0.25	0	0	3.42	0.05	0	0	0	-3.4	0.2	0	0	21029.6	0.02
267	24	2002	0	0	0	3.29	0.07	0	0	0	-3.5	0.2	0	0	21032.9	0.02
268	24	2002	0	0	0	2.36	0.05	0	0	0	-2.5	0.2	0	0	21035.3	0
269	24	2002	0	0	0	2.57	0.07	0	0	0	-2.8	0.2	0	0	21037.8	0.01
270	24	2002	36.83	0	0	1.17	0.01	0	0	0	35.5	0.2	0	0	21039	0
271	24	2002	0.25	0	0	2.82	0.05	0	0	0	-2.8	0.2	0	0	21041.8	0.01
272	24	2002	0	0	0	2.81	0.07	0	0	0	-3.0	0.2	0	0	21044.6	0.01
273	24	2002	0	0	0	3.11	0.11	0	0	0	-3.3	0.2	0	0	21047.8	0.02
274	24	2002	0	0	0	3.29	0.13	0	0	0	-3.5	0.2	0	0	21051	0.02
275	24	2002	18.03	0	0	2.07	0.08	0	0	0	15.8	0.2	0	0	21053.1	0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
276	24	2002	2.54	0	0	1.94	0.03	0	0	0	0.4	0.2	0	0	21055.1	0
277	24	2002	0.25	0	0	3.17	0.07	0	0	0	-3.1	0.2	0	0	21058.2	-0.01
278	24	2002	2.29	0	0	3.49	0.07	0	0	0	-1.4	0.2	0	0	21061.7	0
279	24	2002	0	0	0	3.33	0.1	0	0	0	-3.5	0.2	0	0	21065	0.01
280	24	2002	2.79	0	0	4.57	0.07	0	0	0	-1.9	0.2	0	0	21069.6	-0.01
281	24	2002	0.25	0	0	2.69	0.07	0	0	0	-2.6	0.2	0	0	21072.3	0
282	24	2002	0	0	0	2.37	0.08	0	0	0	-2.5	0.2	0	0	21074.7	0
283	24	2002	0	0	0	1.89	0.1	0	0	0	-2.0	0.2	0	0	21076.5	0
284	24	2002	3.3	0	0	1.47	0.02	0	0	0	1.7	0.2	0	0	21078	0
285	24	2002	3.81	0	0	2.01	0.04	0	0	0	1.7	0.2	0	0	21080	-0.01
286	24	2002	1.78	0	0	1.88	0.04	0	0	0	-0.3	0.2	0	0	21081.9	-0.01
287	24	2002	0	0	0	2.84	0.07	0	0	0	-3.0	0.2	0	0	21084.7	0
288	24	2002	0	0	0	2.42	0.09	0	0	0	-2.6	0.2	0	0	21087.2	0
289	24	2002	28.45	0.03	0	0.58	0	0	0	0	27.7	0.2	0	0	21087.7	0
290	24	2002	1.52	0	0	1.77	0.03	0	0	0	-0.4	0.2	0	0	21089.5	0
291	24	2002	0.51	0	0	2.47	0.08	0	0	0	-2.1	0.2	0	0	21092	-0.01
292	24	2002	8.13	0	0	2.15	0.05	0	0	0	5.8	0.2	0	0	21094.1	0
293	24	2002	0.25	0	0	2.27	0.06	0	0	0	-2.2	0.2	0	0	21096.4	0
294	24	2002	0	0	0	2.05	0.06	0	0	0	-2.2	0.2	0	0	21098.4	0
295	24	2002	5.33	0	0	0.84	0	0	0	0	4.3	0.2	0	0	21099.3	0
296	24	2002	2.29	0	0	1.59	0.02	0	0	0	0.6	0.2	0	0	21100.9	0
297	24	2002	0	0	0	1.33	0.05	0	0	0	-1.5	0.2	0	0	21102.2	0
298	24	2002	7.62	0	0	1.68	0.04	0	0	0	5.8	0.2	0	0	21103.9	-0.01
299	24	2002	11.18	0	0	0.83	0.02	0	0	0	10.2	0.2	0	0	21104.7	0
300	24	2002	0.25	0	0	1.68	0.07	0	0	0	-1.6	0.1	0	0	21106.4	-0.01
301	24	2002	0.51	0	0	1.3	0.04	0	0	0	-0.9	0.1	0	0	21107.7	-0.02
302	24	2002	0	0	0	1.25	0.04	0	0	0	-1.4	0.1	0	0	21108.9	-0.01
303	24	2002	0	0	0	1.35	0.04	0	0	0	-1.5	0.1	0	0	21110.3	0
304	24	2002	0	0	0	1.16	0.06	0	0	0	-1.3	0.1	0	0	21111.4	0
305	24	2002	0.51	0	0	2.02	0.05	0	0	0	-1.7	0.1	0	0	21113.5	0
306	24	2002	4.32	0	0	1.21	0	0	0	0	3.0	0.1	0	0	21114.7	-0.02
307	24	2002	0.51	0	0	0.65	0	0	0	0	-0.3	0.1	0	0	21115.3	0
308	24	2002	2.54	0	0	0.91	0.01	0	0	0	1.5	0.1	0	0	21116.2	0
309	24	2002	4.57	0	0	1.33	0.03	0	0	0	3.1	0.1	0	0	21117.6	-0.01
310	24	2002	6.6	0.07	0	0.41	0	0	0	0	6.0	0.1	0	0	21118	0
311	24	2002	3.05	0	0	2.05	0.03	0	0	0	0.9	0.1	0	0	21120	-0.01
312	24	2002	0	0	0	2.45	0.19	0	0	0	-2.6	0.1	0	0	21122.5	0
313	24	2002	0	0	0	1.86	0.21	0	0	0	-2.0	0.1	0	0	21124.3	0
314	24	2002	0.25	0	0	2.62	0.16	0	0	0	-2.5	0.1	0	0	21127	-0.01
315	24	2002	0.76	0	0	1.29	0.11	0	0	0	-0.7	0.1	0	0	21128.2	-0.01
316	24	2002	2.79	0.1	0	0.48	0	0	0	0	2.1	0.1	0	0	21128.7	0
317	24	2002	0	0	0	0.94	0.04	0	0	0	-1.0	0.1	0	0	21129.7	-0.01
318	24	2002	0	0	0	1.25	0.15	0	0	0	-1.4	0.1	0	0	21130.9	-0.01
319	24	2002	0	0	0	0.95	0.07	0	0	0	-1.1	0.1	0	0	21131.9	-0.01
320	24	2002	10.16	0	1.92	0.51	0	0	8.21	0	1.3	0.1	0	0	21132.4	-0.01
321	24	2002	16.76	0	19.71	0.04	0	0	-2.77	0	19.4	0.1	0	0	21132.4	0
322	24	2002	4.57	0	10.08	0.35	0	0	-5.44	0	9.6	0.1	0	0	21132.8	-0.01
323	24	2002	3.56	0	0	1.06	0.02	0	0	0	2.4	0.1	0	0	21133.8	-0.01
324	24	2002	0	0	0	1.07	0.14	0	0	0	-1.2	0.1	0	0	21134.9	-0.01
325	24	2002	4.32	0	0	0.67	0.01	0	0	0	3.5	0.1	0	0	21135.6	-0.01
326	24	2002	10.41	0.1	0	0.49	0	0	0	0	9.7	0.1	0	0	21136	-0.01
327	24	2002	2.29	0	0	1.67	0	0	0	0	0.6	0.1	0	0	21137.7	-0.01
328	24	2002	0.25	0	0	1.06	0.05	0	0	0	-0.9	0.1	0	0	21138.8	0
329	24	2002	0.76	0	0	0.45	0.02	0	0	0	0.2	0.1	0	0	21139.2	0
330	24	2002	4.83	0	0	0.91	0	0	0	0	3.8	0.1	0	0	21140.1	-0.02
331	24	2002	1.78	0	0	0.75	0	0	1.83	0	-0.9	0.1	0	0	21140.9	-0.01
332	24	2002	2.03	0	0	0.28	0	0	2.19	0	-0.6	0.1	0	0	21141.2	0
333	24	2002	0.76	0	3.37	0.43	0.05	0	-2.9	0	3.1	0.1	0	0	21141.6	0
334	24	2002	3.3	0	3.81	0.24	0.01	0	-1.12	0	4.1	0.1	0	0	21141.8	-0.01
335	24	2002	2.03	0	0	1.22	0	0	1.97	0	-1.3	0.1	0	0	21143.1	-0.01
336	24	2002	2.29	0	0	0.27	0	0	2.36	0	-0.5	0.1	0	0	21143.3	0
337	24	2002	0	0	0	0.1	0	0	0.36	0	-0.6	0.1	0	0	21143.4	0
338	24	2002	0.51	0	0	0.06	0	0	0.72	0	-0.4	0.1	0	0	21143.5	0
339	24	2002	2.54	0.03	0	0.12	0	0	2.53	0	-0.3	0.1	0	0	21143.6	0
340	24	2002	0.25	0	0	0.05	0	0	0.4	0	-0.3	0.1	0	0	21143.7	0
341	24	2002	0	0	0	0.08	0	0	0.11	0	-0.3	0.1	0	0	21143.7	0
342	24	2002	1.02	0	0	0.2	0	0	0.96	0	-0.3	0.1	0	0	21143.9	0
343	24	2002	0	0	0	0.08	0	0	0.24	0	-0.4	0.1	0	0	21144	0
344	24	2002	0	0	0	0.05	0	0	0.18	0	-0.4	0.1	0	0	21144.1	0
345	24	2002	9.14	0	0	0.05	0	0	9.2	0	-0.2	0.1	0	0	21144.1	0
346	24	2002	2.54	0.01	1.6	-0.02	0	0	0.92	0	-0.1	0.1	1.6	0	21144.1	0
347	24	2002	4.32	0	0.41	-0.03	0	0	3.98	0	-0.2	0.1	0.41	0	21144.1	0
348	24	2002	19.05	0	24.56	-0.19	0	0	-5.35	0	-0.1	0.1	24.55	0	21143.9	0
349	24	2002	1.27	0	4.54	0.02	0	0	-3.31	0	0.0	0.1	4.39	0	21143.9	0
350	24	2002	0.51	0	0	0.22	0	0	0.43	0	-0.3	0.1	0	0	21144.1	-0.01
351	24	2002	0	0	0	0.06	0	0	0.17	0	-0.4	0.1	0	0	21144.2	-0.01
352	24	2002	0	0	0	0.08	0	0	0.1	0	-0.3	0.1	0	0	21144.3	0
353	24	2002	0	0	0.19	0.08	0.05	0	-0.17	0	-0.2	0.1	0.19	0	21144.3	0
354	24	2002	4.06	0	15.46	-0.14	0.06	0	-11.25	0	-0.1	0.1	15.46	0	21144.2	0
355	24	2002	0	0	1.67	0.38	0	0	-2.02	0	-0.1	0.1	1.64	0	21144.6	-0.01
356	24	2002	0	0	1.88	0.69	0.16	0	-2.53	0	-0.2	0.1	1.91	0	21145.3	0
357	24	2002	0	0	0	1.37	0	0	0	0	-1.5	0.1	0	0	21146.6	0
358	24	2002	0.25	0	0.22	0.83	0	0	0	0	-0.9	0.1	0	0.22	21147.5	-0.01
359	24	2002	14.48	0	0	0.23	0	0	14.63	0	-0.3	0.1	0	0	21147.7	0
360	24	2002	0.25	0	0	-0.01	0	0	0.32	0	-0.2	0.1	0	0	21147.7	0
361	24	2002	0	0	0	0.14	0	0	-0.09	0	-0.2	0.1	0	0	21147.8	0
362	24	2002	0.25	0	0	0.07	0	0	0.25	0	-0.2	0.1	0	0	21147.9	0
363	24	2002	0.76	0	0.01	-0.02	0	0	0.84	0	-0.2	0.1	0.01	0	21147.9	0
364	24	2002	1.27	0	0	0.11	0	0	1.3	0	-0.3	0.1	0	0	21148	0
365	24	2002	5.33	0	9.52	0.01	0.01	0	-4.27	0	-0.1	0.1	9.52	0	21148	0
1	24	2003	10.41	0	0.06	0.09	0	0	10.3	0	-0.2	0.1	0.06	0	21148.1	0
2	24	2003	1.27	0	0	0.05	0	0	1.31	0	-0.2	0.1	0	0	21148.1	0
3	24	2003	5.33	0	0	0.07	0	0	5.3	0	-0.2	0.1	0	0	21148.2	0
4	24	2003	2.79	0	0	-0.04	0	0	2.87	0	-0.2	0.2	0	0	21148.2	0
5	24	2003	0	0	0	0.01	0	0	0.02	0	-0.2	0.2	0	0	21148.2	0
6	24	2003	1.52	0	0	-0.02	0	0	1.57	0	-0.2	0.2	0	0	21148.1	0.01
7	24	2003	0.25	0	0	-0.08	0	0	0.4	0	-0.2	0.2	0	0	21148.1	0
8	24	2003	4.57	0	3.61	-0.1	0	0	1.03	0	-0.1	0.2	3.61	0	21148	0.01
9	24	2003	2.79	0	2.83	0.13	0	0	-0.18	0	-0.1	0.2	2.83	0	21148.1	0
10	24	2003	0.25	0	0	0.09	0	0	0.21	0	-0.2	0.2	0	0	21148.2	0
11	24	2003	0.51	0	0	0.4	0	0	0.15	0	-0.2	0.2	0	0	21148.6	0
12	24	2003	0.76	0	0	0.39	0	0	0.39	0	-0.2	0.2	0	0	21149	0
13	24	2003	0.25	0	0	0.25	0	0	0.04	0	-0.2	0.2	0	0	21149.2	0
14	24	2003	0	0	0	0.03	0	0	0.02	0	-0.2	0.2	0	0	21149.3	0
15	24	2003	0.25	0	0	0.06	0	0	0.24	0	-0.2	0.2	0	0	21149.3	0
16	24	2003	0	0	0	0.06	0	0	-0.01	0	-0.2	0.2	0	0	21149.4	0
17	24	2003	0	0	0	0.06	0	0	0	0	-0.2	0.2	0	0	21149.4	0
18	24	2003	0	0	0	0.07	0	0	0	0	-0.2	0.2	0	0	21149.5	0
19	24	2003	0	0	0	0.15	0	0	-0.1	0	-0.2	0.2	0	0	21149.7	0
20	24	2003	1.02	0	0	0.23	0	0	0.83	0	-0.2	0.2	0	0	21149.9	0
21	24	2003	0	0	0	0.04	0	0	0.02	0	-0.2	0.2	0	0	21149.9	0
22	24	2003	1.27	0	0	0.04	0	0	1.28	0	-0.2	0.2	0	0	21150	0
23	24	2003	1.52	0	0	0.04	0	0	1.53	0	-0.2	0.2	0	0	21150	0
24	24	2003	0	0	0	-0.02	0	0	0.04	0	-0.2	0.2	0	0	21150	0.01
25	24	2003	0	0	0	0.17	0	0	-0.14	0	-0.2	0.2	0	0	21150.2	0
26	24	2003	1.27	0	0	0.01	0	0	1.29	0	-0.2	0.2	0	0	21150.2	0.01
27	24	2003	0	0	0	0.02	0	0	0.06	0	-0.2	0.2	0	0	21150.2	0
28	24	2003	0	0	0	0.05	0	0	0.02	0	-0.2	0.2	0	0	21150.2	0
29	24	2003	0.51	0	0	0.06	0	0	0.48	0	-0.2	0.2	0	0	21150.3	0
30	24	2003	0	0	0	0.02	0	0	0.05	0	-0.2	0.2	0	0	21150.3	0
31	24	2003	0	0	0	0.11	0	0	-0.07	0	-0.2	0.2	0	0	21150.4	0
32	24	2003	5.84	0	5.47	0.04	0	0	0.3	0	-0.1	0.2	5.47	0	21150.5	0
33	24	2003	1.27	0	1.79	0.11	0	0	-0.66	0	-0.1	0.2	1.74	0	21150.6	0
34	24	2003	5.59	0	5.53	0.2	0	0	-0.16	0	0.0	0.2	5.4	0	21150.8	0
35	24	2003	19.3	0	25.12	0.26	0.05	0	-6.04	0	0.1	0.2	24.79	0	21151	0
36	24	2003	0	0	0	0.59	0	0	-0.53	0	-0.2	0.2	0	0	21151.6	-0.01
37	24	2003	0	0	0.18	0.23	0	0	-0.35	0	-0.2	0.2	0.18	0	21151.9	0
38	24	2003	1.52	0	0	0.26	0	0	1.31	0	-0.2	0.2	0	0	21152.1	0
39	24	2003	0	0	0	0.38	0	0	-0.33	0	-0.2	0.2	0	0	21152.5	0
40	24	2003	0	0	0	0.27	0	0	-0.23	0	-0.2	0.2	0	0	21152.8	0
41	24	2003	2.54	0	0	0.19	0	0	2.39	0	-0.2	0.2	0	0	21153	0
42	24	2003	0.25	0	0	0.1	0	0	0.2	0	-0.2	0.2	0	0	21153.1	0
43	24	2003	1.02	0	0	0.17	0	0	0.87	0	-0.2	0.2	0	0	21153.2	0
44	24	2003	2.79	0	0	0.08	0	0	2.73	0	-0.2	0.2	0	0	21153.3	0
45	24	2003	2.54	0	0	0.03	0	0	2.51	0	-0.2	0.2	0	0	21153.3	0.01
46	24	2003	0	0	0	0.09	0	0	-0.07	0	-0.2	0.2	0	0	21153.4	0
47	24	2003	0	0	0	0.06	0	0	-0.03	0	-0.2	0.2	0	0	21153.5	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
48	24	2003	8.38	0	0	0.21	0	0	8.19	0	-0.2	0.2	0	0	21153.7	0
49	24	2003	0.51	0	0	-0.05	0	0	0.56	0	-0.2	0.2	0	0	21153.7	0
50	24	2003	0	0	0.04	0.01	0	0	-0.06	0	-0.2	0.2	0.04	0	21153.7	0
51	24	2003	0	0	0	0.14	0	0	-0.14	0	-0.2	0.2	0	0	21153.8	0
52	24	2003	0	0	0.06	0.11	0.1	0	-0.07	0	-0.3	0.2	0.06	0	21153.9	0
53	24	2003	6.1	0	5.26	0.05	0	0	0.75	0	-0.1	0.2	5.26	0	21154	0
54	24	2003	5.84	0	2.09	0.26	0.03	0	3.51	0	-0.2	0.2	2.09	0	21154.2	0.01
55	24	2003	1.27	0	0	0.14	0	0	1.15	0	-0.2	0.2	0	0	21154.4	0
56	24	2003	0.76	0	0	0.09	0	0	0.69	0	-0.2	0.2	0	0	21154.5	0
57	24	2003	0	0	0	0.08	0	0	-0.06	0	-0.2	0.2	0	0	21154.5	0
58	24	2003	0	0	0	0.1	0	0	-0.09	0	-0.2	0.2	0	0	21154.6	0
59	24	2003	0	0	0	0.06	0	0	-0.06	0	-0.2	0.2	0	0	21154.7	0
60	24	2003	0	0	0.38	0.02	0	0	-0.4	0	-0.2	0.2	0.38	0	21154.7	0
61	24	2003	6.6	0	0.18	0.12	0	0	6.3	0	-0.2	0.2	0.18	0	21154.9	0
62	24	2003	0.25	0	0	0.19	0	0	0.09	0	-0.2	0.2	0	0	21155.1	0
63	24	2003	0	0	0	0.31	0	0	-0.3	0	-0.2	0.2	0	0	21155.4	0
64	24	2003	5.08	0	2.61	0.18	0.01	0	2.27	0	-0.2	0.2	2.61	0	21155.5	0
65	24	2003	0	0	0	0.3	0	0	-0.28	0	-0.2	0.2	0	0	21155.8	0
66	24	2003	0	0	0	0.27	0	0	-0.25	0	-0.2	0.2	0	0	21156.1	0
67	24	2003	0.25	0	0.81	0.29	0.17	0	-0.7	0	-0.3	0.2	0.81	0	21156.4	0
68	24	2003	1.02	0	0.2	1.14	0.17	0	-0.15	0	-0.3	0.2	0.2	0	21157.5	-0.01
69	24	2003	1.02	0	0	0.77	0	0	0.28	0	-0.2	0.2	0	0	21158.3	-0.01
70	24	2003	0	0	0	0.41	0	0	-0.4	0	-0.2	0.2	0	0	21158.7	0
71	24	2003	2.29	0	0.1	0.38	0	0	1.79	0	-0.2	0.2	0.1	0	21159.1	0
72	24	2003	1.52	0	0	0.48	0	0	1.06	0	-0.2	0.2	0	0	21159.6	-0.01
73	24	2003	0	0	0	0.18	0	0	-0.17	0	-0.2	0.2	0	0	21159.8	0
74	24	2003	0	0	0.72	0.49	0.46	0	-0.76	0	-0.6	0.2	0.72	0	21160.3	0
75	24	2003	0	0	8.78	0.59	0.63	0	-8.74	0	-0.8	0.2	8.78	0	21160.8	0
76	24	2003	0	0	5.87	0.58	0.64	0	-5.81	0	-0.2	0.2	5.24	0	21161.4	0
77	24	2003	0	0	9.05	0.31	0.4	0	-8.92	0	0.3	0.2	8.19	0	21161.7	-0.01
78	24	2003	0	0	6.07	0.91	0.5	0	-6.45	0	-0.2	0.2	5.54	0	21162.6	0
79	24	2003	21.34	0	29.4	0.34	0	0	-8.4	0	0.0	0.2	29.23	0	21163	0
80	24	2003	4.83	0	22.93	0.58	0.22	0	-18.45	0	0.0	0.2	22.53	0	21163.6	0.01
81	24	2003	2.03	0	8.63	0.75	0.22	0	-9.85	0	-0.4	0.2	11.39	0	21164.3	-0.01
82	24	2003	0	0	0	0.65	0.2	0	0	0	-0.8	0.2	0	0	21165	-0.02
83	24	2003	0	0	0	1.6	0.55	0	0	0	-1.8	0.2	0	0	21166.6	-0.01
84	24	2003	3.56	0	0	2.14	0.74	0	0	0	1.3	0.2	0	0	21168.7	-0.02
85	24	2003	3.3	0	0	0.88	0	0	0	0	2.3	0.2	0	0	21169.6	-0.02
86	24	2003	0	0	0	2.25	0.51	0	0	0	-2.4	0.2	0	0	21171.8	-0.01
87	24	2003	0	0	0	3.54	0.9	0	0	0	-3.7	0.2	0	0	21175.4	-0.01
88	24	2003	11.68	0	0	1.4	0.23	0	0	0	10.2	0.2	0	0	21176.8	-0.02
89	24	2003	8.38	0.01	1.94	0.76	0	0	6.11	0	1.4	0.2	0	0	21177.5	-0.01
90	24	2003	0.25	0	0.51	0.46	0	0	-0.44	0	0.1	0.2	0	0	21178	0
91	24	2003	1.02	0	0	0.47	0	0	0.73	0	-0.3	0.2	0	0	21178.5	0
92	24	2003	0.51	0	2.52	0.1	0	0	-2.05	0	2.3	0.2	0	0	21178.6	0
93	24	2003	16.26	0.27	19.18	0.15	0	0	-3.32	0	19.0	0.2	0	0	21178.7	0.01
94	24	2003	25.15	0	0.05	0.38	0	0	25.07	0	-0.2	0.2	0	0	21179.1	0
95	24	2003	5.84	0	13.92	0.42	0.14	0	-8.3	0	13.6	0.2	0	0	21179.5	0
96	24	2003	0	0	3.61	0.48	0	0	-3.98	0	3.4	0.2	0	0	21180	0
97	24	2003	1.52	0	0.71	0.64	0	0	0.27	0	0.5	0.2	0	0	21180.6	0
98	24	2003	0.76	0	0.98	0.29	0	0	-0.47	0	0.8	0.2	0	0	21180.9	0
99	24	2003	0	0	4.12	-0.01	0	0	-4.11	0	4.0	0.2	0	0	21180.9	0
100	24	2003	0	0	9.62	0.84	0.77	0	-9.5	0	8.5	0.2	0	0	21181.8	-0.01
101	24	2003	1.02	0	0	1.28	0.31	0	0	0	-0.4	0.2	0	0	21183	0
102	24	2003	0	0	0	3.55	0.74	0	0	0	-3.7	0.2	0	0	21186.6	-0.02
103	24	2003	0	0	0	3.31	0.5	0	0	0	-3.5	0.2	0	0	21189.9	0
104	24	2003	0	0	0	4.25	1.32	0	0	0	-4.4	0.2	0	0	21194.2	-0.02
105	24	2003	0	0	0	7.02	2.15	0	0	0	-7.2	0.2	0	0	21201.2	-0.01
106	24	2003	0	0	0	4.04	1.18	0	0	0	-4.2	0.2	0	0	21205.2	-0.03
107	24	2003	0	0	0	3.73	0.59	0	0	0	-3.9	0.2	0	0	21208.9	-0.02
108	24	2003	0.51	0	0	4.34	1.03	0	0	0	-4.0	0.2	0	0	21213.3	0
109	24	2003	3.56	0	0	2.48	0.58	0	0	0	0.9	0.2	0	0	21215.8	-0.01
110	24	2003	0	0	0	5.19	1.61	0	0	0	-5.3	0.2	0	0	21220.9	-0.02
111	24	2003	2.79	0	0	2.63	0.57	0	0	0	0.0	0.2	0	0	21223.6	-0.01
112	24	2003	4.06	0	0	1.66	0.15	0	0	0	2.3	0.2	0	0	21225.2	-0.02
113	24	2003	2.03	0	0	2.1	0	0	0	0	-0.2	0.2	0	0	21227.3	-0.03
114	24	2003	0	0	0	4.21	0.77	0	0	0	-4.4	0.2	0	0	21231.6	-0.01
115	24	2003	0	0	0	3.64	0.99	0	0	0	-3.8	0.2	0	0	21235.2	-0.01
116	24	2003	1.02	0	0	1.37	0.29	0	0	0	-0.5	0.2	0	0	21236.6	-0.01
117	24	2003	0.25	0	0	4.31	1.04	0	0	0	-4.2	0.2	0	0	21240.9	-0.03
118	24	2003	0	0	0	5.54	1.74	0	0	0	-5.7	0.2	0	0	21246.4	-0.03
119	24	2003	0	0	0	5.33	1.28	0	0	0	-5.5	0.2	0	0	21251.7	-0.03
120	24	2003	0	0	0	3.9	1.16	0	0	0	-4.0	0.2	0	0	21255.6	-0.03
121	24	2003	11.94	0	0	4.77	1.47	0	0	0	7.0	0.2	0	0	21260.4	-0.01
122	24	2003	8.38	0	0	2.86	0.43	0	0	0	5.4	0.2	0	0	21263.3	-0.03
123	24	2003	0	0	0	4.48	0.96	0	0	0	-4.6	0.2	0	0	21267.7	-0.01
124	24	2003	0	0	0	4.14	1.2	0	0	0	-4.3	0.2	0	0	21271.9	-0.01
125	24	2003	3.05	0	0	3.62	0.77	0	0	0	-0.7	0.2	0	0	21275.5	-0.03
126	24	2003	0.51	0	0	4.03	1.12	0	0	0	-3.7	0.2	0	0	21279.5	-0.01
127	24	2003	0.51	0	0	2.25	0.64	0	0	0	-1.9	0.2	0	0	21281.8	-0.01
128	24	2003	0.25	0	0	1.6	0.49	0	0	0	-1.5	0.2	0	0	21283.4	-0.03
129	24	2003	0	0	0	4.09	1.13	0	0	0	-4.3	0.2	0	0	21287.5	-0.02
130	24	2003	0	0	0	4.59	1.45	0	0	0	-4.7	0.2	0	0	21292.1	-0.02
131	24	2003	28.96	0	0	2.63	0.63	0	0	0	26.2	0.2	0	0	21294.7	-0.03
132	24	2003	7.37	0	0	2.88	0.33	0	0	0	4.4	0.2	0	0	21297.6	-0.04
133	24	2003	3.3	0	0	2.09	0.11	0	0	0	1.1	0.2	0	0	21299.7	-0.03
134	24	2003	0	0	0	2	0.58	0	0	0	-2.2	0.2	0	0	21301.7	-0.02
135	24	2003	0	0	0	4.03	1.15	0	0	0	-4.2	0.2	0	0	21305.7	-0.02
136	24	2003	3.81	0	0	3.36	0.64	0	0	0	0.3	0.2	0	0	21309.1	-0.02
137	24	2003	0	0	0	5.13	1.34	0	0	0	-5.3	0.2	0	0	21314.2	-0.03
138	24	2003	0	0	0	5.51	1.7	0	0	0	-5.7	0.2	0	0	21319.7	-0.02
139	24	2003	0	0	0	5.54	1.82	0	0	0	-5.7	0.2	0	0	21325.2	-0.01
140	24	2003	8.13	0	0	6.2	1.77	0	0	0	1.8	0.2	0	0	21331.4	-0.03
141	24	2003	1.78	0	0	4.4	0.72	0	0	0	-2.8	0.2	0	0	21335.8	-0.02
142	24	2003	0	0	0	4.41	1.27	0	0	0	-4.6	0.2	0	0	21340.3	-0.02
143	24	2003	0	0	0	3.03	0.94	0	0	0	-3.2	0.2	0	0	21343.3	0
144	24	2003	34.54	0	0	1.64	0.12	0	0	0	32.7	0.2	0	0	21344.9	-0.01
145	24	2003	0.51	0	0	3.25	1.03	0	0	0	-2.9	0.2	0	0	21348.2	-0.03
146	24	2003	9.14	0.02	0	1.35	0.05	0	0	0	7.6	0.2	0	0	21349.5	0
147	24	2003	0	0	0	3.48	1.1	0	0	0	-3.7	0.2	0	0	21353	-0.01
148	24	2003	0	0	0	3.31	1.05	0	0	0	-3.5	0.2	0	0	21356.3	-0.02
149	24	2003	0	0	0	4.19	1.39	0	0	0	-4.4	0.2	0	0	21360.5	-0.03
150	24	2003	0	0	0	5.02	1.38	0	0	0	-5.2	0.2	0	0	21365.5	-0.02
151	24	2003	11.68	0	0	1.76	0.16	0	0	0	9.7	0.2	0	0	21367.3	-0.02
152	24	2003	8.64	0	0	2.67	0.33	0	0	0	5.8	0.2	0	0	21370	-0.03
153	24	2003	0	0	0	5.2	1.36	0	0	0	-5.4	0.2	0	0	21375.2	-0.02
154	24	2003	0	0	0	2.88	1.07	0	0	0	-3.1	0.2	0	0	21378	0.01
155	24	2003	9.91	0	0	3.96	1.08	0	0	0	5.8	0.2	0	0	21382	-0.01
156	24	2003	1.02	0	0	1.29	0.23	0	0	0	-0.5	0.2	0	0	21383.3	-0.01
157	24	2003	1.02	0	0	4.59	1.33	0	0	0	-3.8	0.2	0	0	21387.9	-0.03
158	24	2003	0.51	0	0	1.49	0.5	0	0	0	-1.2	0.2	0	0	21389.4	-0.01
159	24	2003	0	0	0	4.54	1.63	0	0	0	-4.7	0.2	0	0	21393.9	-0.01
160	24	2003	0	0	0	5.54	1.64	0	0	0	-5.7	0.2	0	0	21399.4	-0.04
161	24	2003	0	0	0	4.94	1.54	0	0	0	-5.1	0.2	0	0	21404.4	-0.03
162	24	2003	3.81	0	0	3.27	0.89	0	0	0	0.3	0.2	0	0	21407.7	-0.01
163	24	2003	3.81	0	0	2.05	0.29	0	0	0	1.6	0.2	0	0	21409.7	-0.03
164	24	2003	18.54	0	0	1.62	0.17	0	0	0	16.7	0.2	0	0	21411.3	-0.03
165	24	2003	1.02	0	0	1.99	0.48	0	0	0	-1.2	0.2	0	0	21413.3	-0.03
166	24	2003	0	0	0	5.4	1.62	0	0	0	-5.6	0.2	0	0	21418.7	-0.02
167	24	2003	0	0	0	5.31	1.62	0	0	0	-5.5	0.2	0	0	21424	-0.02
168	24	2003	0	0	0	5.86	1.99	0	0	0	-6.1	0.2	0	0	21429.9	-0.02
169	24	2003	0	0	0	2.53	0.94	0	0	0	-2.8	0.2	0	0	21432.4	-0.01
170	24	2003	0	0	0	1.71	0.64	0	0	0	-1.9	0.2	0	0	21434.1	-0.03
171	24	2003	7.11	0	0	3.96	0.94	0	0	0	3.0	0.2	0	0	21438.1	-0.02
172	24	2003	16.26	0	0	2.56	0.54	0	0	0	13.5	0.2	0	0	21440.7	-0.01
173	24	2003	0.25	0	0	3.81	1.46	0	0	0	-3.8	0.2	0	0	21444.5	0
174	24	2003	0	0	0	5.6	1.93	0	0	0	-5.8	0.2	0	0	21450.1	-0.01
175	24	2003	0	0	0	5.7	2.1	0	0	0	-5.9	0.2	0	0	21455.8	-0.02
176	24	2003	0	0	0	5.77	2.21	0	0	0	-6.0	0.2	0	0	21461.5	-0.02
177	24	2003	0	0	0	5.71	2.22	0	0	0	-5.9	0.2	0	0	21467.3	-0.01
178	24	2003	0	0	0	3.55	1.42	0	0	0	-3.7	0.2	0	0	21470.8	-0.02
179	24	2003	0	0	0	6.05	2.19	0	0	0	-6.3	0.2	0	0	21476.8	-0.02
180	24	2003	0	0	0	5.39	2.22	0	0	0	-5.6	0.2	0	0	21482.2	0
181	24	2003	0	0	0	5.59	1.9	0	0	0	-5.8	0.2	0	0	21487.8	-0.02
182	24	2003	0	0	0	4.2	2.69	0	0	0	-4.4	0.2	0	0	21492	-0.01
183	24	2003	0	0	0	3.43	3.3	0	0	0	-3.7	0.2	0	0	21495.5	-0.01
184	24	2003	0	0	0	3.3	3.34	0	0	0	-3.5	0.2	0	0	21498.8	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
185	24	2003	0	0	0	2.91	2.95	0	0	0	-3.1	0.2	0	0	21501.7	-0.01
186	24	2003	0	0	0	2.59	2.62	0	0	0	-2.8	0.2	0	0	21504.3	-0.01
187	24	2003	0	0	0	3.25	3.03	0	0	0	-3.5	0.2	0	0	21507.5	-0.01
188	24	2003	6.86	0	0	2.43	0.73	0	0	0	4.2	0.2	0	0	21509.9	-0.01
189	24	2003	0	0	0	5.14	2	0	0	0	-5.3	0.2	0	0	21515.1	-0.02
190	24	2003	3.56	0	0	3.61	0.89	0	0	0	-0.3	0.2	0	0	21518.7	-0.02
191	24	2003	21.34	0	0	4.66	1.39	0	0	0	16.5	0.2	0	0	21523.3	-0.03
192	24	2003	0	0	0	4.46	1.84	0	0	0	-4.7	0.2	0	0	21527.8	-0.01
193	24	2003	0	0	0	4.24	1.54	0	0	0	-4.4	0.2	0	0	21532	-0.03
194	24	2003	0.25	0	0	5.21	1.89	0	0	0	-5.2	0.2	0	0	21537.3	-0.01
195	24	2003	0	0	0	5.06	1.99	0	0	0	-5.3	0.2	0	0	21542.3	-0.01
196	24	2003	1.02	0	0	5.11	2.54	0	0	0	-4.3	0.2	0	0	21547.4	0
197	24	2003	6.1	0	0	2.91	0.95	0	0	0	3.0	0.2	0	0	21550.3	-0.01
198	24	2003	0	0	0	5.81	2.1	0	0	0	-6.0	0.2	0	0	21556.1	-0.02
199	24	2003	0	0	0	3.14	2.25	0	0	0	-3.4	0.2	0	0	21559.3	-0.01
200	24	2003	0	0	0	2.31	2.23	0	0	0	-2.5	0.2	0	0	21561.6	-0.01
201	24	2003	0	0	0	1.83	1.8	0	0	0	-2.1	0.2	0	0	21563.4	0
202	24	2003	23.88	0	0	2.26	0.73	0	0	0	21.4	0.2	0	0	21565.7	0
203	24	2003	9.65	0	0	2.74	0.62	0	0	0	6.7	0.2	0	0	21568.4	0
204	24	2003	2.79	0	0	4.24	1.17	0	0	0	-1.6	0.2	0	0	21572.6	-0.04
205	24	2003	3.05	0	0	2.89	0.54	0	0	0	0.0	0.2	0	0	21575.5	-0.02
206	24	2003	0	0	0	5.76	2.16	0	0	0	-6.0	0.2	0	0	21581.3	-0.02
207	24	2003	0	0	0	4.74	2.1	0	0	0	-5.0	0.2	0	0	21586	0
208	24	2003	5.33	0	0	2.7	0.64	0	0	0	2.4	0.2	0	0	21588.7	-0.01
209	24	2003	0	0	0	5.03	1.8	0	0	0	-5.2	0.2	0	0	21593.8	-0.02
210	24	2003	0	0	0	5.25	1.98	0	0	0	-5.5	0.2	0	0	21599	-0.01
211	24	2003	0	0	0	4.18	1.82	0	0	0	-4.4	0.2	0	0	21603.2	-0.01
212	24	2003	0	0	0	4.11	2.21	0	0	0	-4.3	0.2	0	0	21607.3	-0.02
213	24	2003	14.99	0	0	1.83	0.41	0	0	0	13.0	0.2	0	0	21609.1	-0.02
214	24	2003	2.29	0	0	4.33	1.39	0	0	0	-2.3	0.2	0	0	21613.5	-0.02
215	24	2003	4.32	0	0	4.51	1.4	0	0	0	-0.4	0.2	0	0	21618	-0.02
216	24	2003	0.76	0	0	4.27	1.69	0	0	0	-3.7	0.2	0	0	21622.2	-0.02
217	24	2003	33.53	0	0	3.4	0.95	0	0	0	29.9	0.2	0	0	21625.6	-0.01
218	24	2003	5.33	0	0	3.59	0.88	0	0	0	1.6	0.2	0	0	21629.2	-0.02
219	24	2003	0	0	0	4.24	1.75	0	0	0	-4.5	0.2	0	0	21633.5	-0.01
220	24	2003	2.54	0	0	3.17	0.81	0	0	0	-0.8	0.2	0	0	21636.6	-0.01
221	24	2003	8.13	0	0	1.78	0.16	0	0	0	6.2	0.2	0	0	21638.4	-0.02
222	24	2003	0.25	0	0	3.91	1.64	0	0	0	-3.9	0.2	0	0	21642.3	-0.02
223	24	2003	0	0	0	2.2	1.03	0	0	0	-2.4	0.2	0	0	21644.5	-0.01
224	24	2003	3.05	0	0	2.78	0.65	0	0	0	0.1	0.2	0	0	21647.3	-0.02
225	24	2003	0	0	0	4.26	1.85	0	0	0	-4.5	0.2	0	0	21651.6	-0.02
226	24	2003	0	0	0	5.37	2.2	0	0	0	-5.6	0.2	0	0	21657	-0.02
227	24	2003	0	0	0	5.02	2.09	0	0	0	-5.2	0.2	0	0	21662	-0.01
228	24	2003	0	0	0	3	1.36	0	0	0	-3.2	0.2	0	0	21665	-0.02
229	24	2003	0	0	0	4.49	1.71	0	0	0	-4.7	0.2	0	0	21669.5	-0.02
230	24	2003	0	0	0	3.87	1.7	0	0	0	-4.1	0.2	0	0	21673.3	-0.01
231	24	2003	0	0	0	4.73	2.04	0	0	0	-4.9	0.2	0	0	21678.1	-0.01
232	24	2003	0	0	0	4.13	2.36	0	0	0	-4.3	0.2	0	0	21682.2	-0.02
233	24	2003	0	0	0	2.65	2.55	0	0	0	-2.9	0.2	0	0	21684.8	-0.01
234	24	2003	0	0	0	2.31	2.31	0	0	0	-2.5	0.2	0	0	21687.2	-0.02
235	24	2003	0	0	0	2.7	2.36	0	0	0	-2.9	0.2	0	0	21689.9	-0.02
236	24	2003	0	0	0	2.38	2.14	0	0	0	-2.6	0.2	0	0	21692.2	-0.01
237	24	2003	0	0	0	1.43	1.67	0	0	0	-1.6	0.2	0	0	21693.7	0
238	24	2003	0.25	0	0	1.37	1.32	0	0	0	-1.3	0.2	0	0	21695	-0.01
239	24	2003	0	0	0	2.42	2.01	0	0	0	-2.6	0.2	0	0	21697.5	-0.01
240	24	2003	0	0	0	1.74	1.53	0	0	0	-1.9	0.2	0	0	21699.2	-0.01
241	24	2003	1.52	0	0	2.12	1.07	0	0	0	-0.8	0.2	0	0	21701.3	-0.01
242	24	2003	0	0	0	0.82	0.7	0	0	0	-1.0	0.2	0	0	21702.1	-0.02
243	24	2003	0	0	0	1.66	1.13	0	0	0	-1.8	0.2	0	0	21703.8	-0.01
244	24	2003	10.16	0	0	1.55	0.23	0	0	0	8.4	0.2	0	0	21705.3	0
245	24	2003	6.35	0	0	2.61	0.42	0	0	0	3.6	0.2	0	0	21708	-0.03
246	24	2003	4.06	0	0	1.71	0.14	0	0	0	2.2	0.2	0	0	21709.7	-0.02
247	24	2003	0	0	0	2.75	1.24	0	0	0	-2.9	0.2	0	0	21712.4	-0.02
248	24	2003	2.54	0	0	2.67	0.44	0	0	0	-0.3	0.2	0	0	21715.1	-0.02
249	24	2003	0	0	0	3.64	1.46	0	0	0	-3.8	0.2	0	0	21718.7	-0.03
250	24	2003	0	0	0	3.66	1.52	0	0	0	-3.8	0.2	0	0	21722.4	-0.02
251	24	2003	0	0	0	3.42	1.36	0	0	0	-3.6	0.2	0	0	21725.8	-0.01
252	24	2003	0	0	0	3.14	1.42	0	0	0	-3.3	0.2	0	0	21728.9	-0.02
253	24	2003	0	0	0	1.98	1.54	0	0	0	-2.2	0.2	0	0	21730.9	-0.01
254	24	2003	0	0	0	1.5	1.46	0	0	0	-1.7	0.2	0	0	21732.4	-0.01
255	24	2003	0	0	0	1.14	1.2	0	0	0	-1.3	0.2	0	0	21733.6	-0.01
256	24	2003	1.02	0	0	1.03	0.48	0	0	0	-0.2	0.2	0	0	21734.6	-0.01
257	24	2003	0	0	0	0.94	0.8	0	0	0	-1.1	0.2	0	0	21735.5	0.02
258	24	2003	2.79	0	0	1.38	0.19	0	0	0	1.3	0.2	0	0	21736.9	-0.02
259	24	2003	0	0	0	2.51	0.78	0	0	0	-2.7	0.2	0	0	21739.4	-0.03
260	24	2003	0	0	0	1.3	0.83	0	0	0	-1.5	0.2	0	0	21740.7	-0.01
261	24	2003	0	0	0	0.62	0.67	0	0	0	-0.8	0.2	0	0	21741.3	-0.01
262	24	2003	1.52	0	0	1.63	0.51	0	0	0	-0.3	0.2	0	0	21743	-0.01
263	24	2003	0	0	0	0.91	0.52	0	0	0	-1.1	0.2	0	0	21743.9	-0.02
264	24	2003	0	0	0	0.96	0.64	0	0	0	-1.1	0.2	0	0	21744.8	-0.01
265	24	2003	1.78	0	0	1.08	0.26	0	0	0	0.5	0.2	0	0	21745.9	-0.02
266	24	2003	34.29	0	0	2.39	0.43	0	0	0	31.8	0.2	0	0	21748.3	-0.03
267	24	2003	0	0	0	3.85	1.7	0	0	0	-4.0	0.2	0	0	21752.2	-0.03
268	24	2003	4.06	0	0	2.2	0.32	0	0	0	1.7	0.2	0	0	21754.4	-0.02
269	24	2003	0	0	0	2.58	1.26	0	0	0	-2.7	0.2	0	0	21756.9	-0.01
270	24	2003	6.35	0	0	2.89	0.9	0	0	0	3.3	0.2	0	0	21759.8	-0.01
271	24	2003	0	0	0	1.96	0.77	0	0	0	-2.1	0.2	0	0	21761.8	-0.03
272	24	2003	0	0	0	2.03	1.05	0	0	0	-2.2	0.2	0	0	21763.8	0
273	24	2003	0	0	0	2.14	1.1	0	0	0	-2.3	0.2	0	0	21766	-0.01
274	24	2003	0	0	0	1.59	0.94	0	0	0	-1.7	0.2	0	0	21767.6	-0.02
275	24	2003	0	0	0	2.09	1.31	0	0	0	-2.2	0.2	0	0	21769.6	-0.01
276	24	2003	0	0	0	3.07	1.92	0	0	0	-3.2	0.2	0	0	21772.7	-0.03
277	24	2003	0	0	0	2.26	1.51	0	0	0	-2.4	0.2	0	0	21775	-0.03
278	24	2003	0	0	0	1.8	1.04	0	0	0	-2.0	0.2	0	0	21776.8	0
279	24	2003	7.87	0	0	3.93	1.28	0	0	0	3.8	0.2	0	0	21780.7	-0.02
280	24	2003	4.06	0	0	3.14	0.34	0	0	0	0.8	0.2	0	0	21783.8	-0.02
281	24	2003	0.51	0	0	2.22	0.96	0	0	0	-1.9	0.2	0	0	21786.1	-0.01
282	24	2003	0	0	0	2.48	1.48	0	0	0	-2.6	0.2	0	0	21788.5	-0.02
283	24	2003	0	0	0	2.45	1.84	0	0	0	-2.6	0.2	0	0	21791	-0.01
284	24	2003	0	0	0	2.58	1.89	0	0	0	-2.7	0.2	0	0	21793.6	-0.02
285	24	2003	1.27	0	0	2.06	0.95	0	0	0	-0.9	0.2	0	0	21795.6	-0.02
286	24	2003	0	0	0	2.33	1.73	0	0	0	-2.5	0.2	0	0	21798	-0.02
287	24	2003	4.83	0	0	2.81	0.65	0	0	0	1.9	0.2	0	0	21800.8	-0.03
288	24	2003	0.51	0	0	1.57	0.69	0	0	0	-1.2	0.2	0	0	21802.3	-0.03
289	24	2003	4.83	0	0	2.98	0.74	0	0	0	1.7	0.2	0	0	21805.3	-0.03
290	24	2003	3.81	0	0	2.69	0.22	0	0	0	1.0	0.2	0	0	21808	-0.03
291	24	2003	0	0	0	1.71	0.95	0	0	0	-1.8	0.2	0	0	21809.7	-0.02
292	24	2003	0	0	0	1.45	1.09	0	0	0	-1.6	0.2	0	0	21811.2	-0.01
293	24	2003	0.51	0	0	1.91	1.17	0	0	0	-1.6	0.2	0	0	21813.1	0
294	24	2003	14.48	0.22	0	1.67	0.13	0	0	0	12.4	0.2	0	0	21814.8	0.01
295	24	2003	0	0	0	0.96	0.52	0	0	0	-0.9	0.2	0	0	21815.7	-0.01
296	24	2003	0	0	0	1.43	1.15	0	0	0	-1.5	0.2	0	0	21817.1	-0.04
297	24	2003	2.29	0	0	1.6	0.12	0	0	0	0.6	0.2	0	0	21818.7	-0.01
298	24	2003	1.52	0	0	2.48	1.13	0	0	0	-1.1	0.2	0	0	21821.2	-0.03
299	24	2003	0.25	0	0	2.1	0.93	0	0	0	-2.0	0.1	0	0	21823.3	-0.04
300	24	2003	5.59	0.39	0	1.97	0	0	0	0	3.1	0.1	0	0	21825.3	0
301	24	2003	0	0	0	1.4	0.58	0	0	0	-1.2	0.1	0	0	21826.7	-0.01
302	24	2003	0	0	0	0.84	0.58	0	0	0	-1.0	0.1	0	0	21827.5	-0.01
303	24	2003	0	0	0	1.47	0.96	0	0	0	-1.6	0.1	0	0	21829	-0.02
304	24	2003	2.29	0	0	1.8	0.11	0	0	0	0.4	0.1	0	0	21830.8	-0.02
305	24	2003	0	0	0	1.38	1.36	0	0	0	-1.5	0.1	0	0	21832.2	0
306	24	2003	16.76	0	0	2.64	0.61	0	0	0	14.0	0.1	0	0	21834.8	0
307	24	2003	0	0	0	1.2	0.8	0	0	0	-1.3	0.1	0	0	21836	-0.04
308	24	2003	1.27	0	0	1.87	0.65	0	0	0	-0.7	0.1	0	0	21837.9	-0.03
309	24	2003	2.79	0.71	0	1.6	0	0	0	0	0.4	0.1	0	0	21839.5	-0.02
310	24	2003	0	0	0	1.35	0.29	0	0	0	-0.8	0.1	0	0	21840.9	-0.02
311	24	2003	0	0	0	1.2	1.02	0	0	0	-1.3	0.1	0	0	21842.1	-0.01
312	24	2003	1.27	0	0	2.19	1.11	0	0	0	-1.0	0.1	0	0	21844.3	-0.03
313	24	2003	0.76	0	0	1.56	0.57	0	0	0	-0.9	0.1	0	0	21845.8	-0.04
314	24	2003	1.02	0	0	1.78	0.87	0	0	0	-0.9	0.1	0	0	21847.6	-0.01
315	24	2003	0.51	0	0	0.88	0	0	0	0	-0.5	0.1	0	0	21848.5	-0.02
316	24	2003	0.25	0	0	1.02	0.41	0	0	0	-0.9	0.1	0	0	21849.5	-0.02
317	24	2003	0	0	0	0.72	0.56	0	0	0	-0.8	0.1	0	0	21850.2	0
318	24	2003	0.25	0	0	0.86	0.61	0	0	0	-0.7	0.1	0	0	21851.1	-0.01
319	24	2003	0.51	0	0	1.34	1.02	0	0	0	-0.9	0.1	0	0	21852.4	-0.03
320	24	2003	0	0	0	1.16	0.9	0	0	0	-1.2	0.1	0	0	21853.6	-0.05
321	24	2003	0	0	0	0.65	0.38	0	0	0	-0.8	0.1	0	0	21854.2	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
322	24	2003	0	0	0	1.07	0.92	0	0	0	-1.2	0.1	0	0	21855.3	-0.01
323	24	2003	3.56	0	0	2.13	0.08	0	0	0	1.3	0.1	0	0	21857.4	-0.01
324	24	2003	10.16	1.08	0	1.26	0	0	0	0	7.7	0.1	0	0	21858.7	-0.02
325	24	2003	0	0	0	1.94	0.54	0	0	0	-1.0	0.1	0	0	21860.6	-0.01
326	24	2003	0	0	0	0.99	0.84	0	0	0	-1.1	0.1	0	0	21861.6	-0.01
327	24	2003	0	0	0	1.58	1.34	0	0	0	-1.7	0.1	0	0	21863.2	-0.02
328	24	2003	0	0	0	1.14	1.08	0	0	0	-1.2	0.1	0	0	21864.3	-0.02
329	24	2003	10.16	0	0	2.02	0.17	0	0	0	8.0	0.1	0	0	21866.3	0.02
330	24	2003	0.25	0	0	0.95	0.59	0	0	0	-0.8	0.1	0	0	21867.3	-0.03
331	24	2003	2.03	0.61	0	0.83	0.05	0	0	0	0.5	0.1	0	0	21868.1	-0.01
332	24	2003	5.84	1.53	0	0.49	0	0	0	0	4.3	0.1	0	0	21868.6	-0.01
333	24	2003	8.89	0.89	0	1.08	0	0	0	0	8.3	0.1	0	0	21869.7	0
334	24	2003	7.87	1.33	0	0.51	0	0	0	0	6.8	0.1	0	0	21870.2	0
335	24	2003	0	0.17	0	1.41	0	0	0	0	-0.4	0.1	0	0	21871.6	-0.01
336	24	2003	0	0	0	1.04	0.5	0	0	0	-1.0	0.1	0	0	21872.6	-0.02
337	24	2003	0	0	0	1.42	1.17	0	0	0	-1.5	0.1	0	0	21874.1	-0.02
338	24	2003	0.51	0	0	0.59	0.25	0	0	0	-0.2	0.1	0	0	21874.7	0.01
339	24	2003	0	0	0	1.09	1.14	0	0	0	-1.2	0.1	0	0	21875.7	0
340	24	2003	0.76	0	0	2.16	1.34	0	0	0	-1.5	0.1	0	0	21877.9	-0.03
341	24	2003	0	0	0	1.07	0.67	0	0	0	-1.2	0.1	0	0	21879	-0.03
342	24	2003	2.29	0.73	0.55	0.9	0	0	0	0	0.5	0.1	0	0	21879.9	-0.01
343	24	2003	2.54	1.55	0	0.43	0	0	0	0	1.2	0.1	0	0	21880.3	0
344	24	2003	0	0.92	0	0.86	0	0	0	0	-0.3	0.1	0	0	21881.2	-0.01
345	24	2003	0	0.63	0	0.38	0	0	0	0	-0.2	0.1	0	0	21881.5	0
346	24	2003	0.51	0.02	0	1.11	0	0	0	0	-0.1	0.1	0	0	21882.7	0
347	24	2003	1.02	0	0	0.8	0.19	0	0	0	0.1	0.1	0	0	21883.5	-0.02
348	24	2003	16.26	1.2	0	0.79	0.01	0	0	0	14.2	0.1	0	0	21884.2	-0.02
349	24	2003	0.25	0.64	0	1.08	0	0	0	0	-0.4	0.1	0	0	21885.3	0
350	24	2003	0	0.24	0	0.53	0	0	0	0	-0.2	0.1	0	0	21885.9	0
351	24	2003	9.91	1.55	0	0.36	0	0	0	0	8.1	0.1	0	0	21886.2	0
352	24	2003	8.89	1.45	0	0.43	0	0	0	0	8.5	0.1	0	0	21886.6	-0.01
353	24	2003	2.79	1.06	0	0.84	0	0	0	0	2.2	0.1	0	0	21887.5	-0.01
354	24	2003	5.33	0.44	0	1.86	0	0	0	0	4.0	0.1	0	0	21889.3	-0.01
355	24	2003	1.02	0.22	0.42	1.13	0	0	0	0	0.0	0.1	0	0	21890.5	0
356	24	2003	0	0	0	0.51	0	0	0	0	-0.4	0.1	0	0	21891	0
357	24	2003	3.3	0.74	0.8	1.22	0	0	0.82	0	0.4	0.1	0	0	21892.2	0
358	24	2003	0	0	0.69	0.8	0	0	-0.82	0	0.7	0.1	0	0	21893	0
359	24	2003	0	0	0	0.5	0	0	0	0	-0.6	0.1	0	0	21893.5	0
360	24	2003	0	0	0	0.72	0	0	0	0	-0.8	0.1	0	0	21894.2	0
361	24	2003	0	0	0	0.66	0	0	0	0	-0.7	0.1	0	0	21894.9	-0.03
362	24	2003	0.25	0	0.1	0.44	0	0	0	0	-0.3	0.1	0	0	21895.3	0
363	24	2003	0	0	0	0.46	0	0	0	0	-0.5	0.1	0	0	21895.8	-0.02
364	24	2003	0	0	0	0.68	0	0	0	0	-0.8	0.1	0	0	21896.5	-0.01
365	24	2003	0	0	0	0.56	0	0	0	0	-0.7	0.1	0	0	21897	0
1	24	2004	0	0	0	0.09	0	0	0	0	-0.2	0.1	0	0	21897.1	0.01
2	24	2004	1.27	0.33	0	0.4	0	0	0	0	0.4	0.1	0	0	21897.5	0.01
3	24	2004	10.92	1.21	0	0.34	0	0	0	0	2.4	0.1	7.2	0	21897.8	0
4	24	2004	0	0	0	1.23	0	0	0	0	-0.1	0.1	0	0	21899.1	-0.01
5	24	2004	4.57	1.24	0	0.6	0	0	2.95	0	-0.3	0.1	0	0	21899.7	-0.01
6	24	2004	0	0	0	1.39	0	0	0.32	0	-0.6	0.1	0	0	21901.1	0
7	24	2004	1.52	0	0	1.07	0	0	0.9	0	-0.5	0.1	0	0	21902.1	-0.01
8	24	2004	0	0	0	0.09	0	0	0.22	0	-0.4	0.1	0	0	21902.2	0
9	24	2004	0	0	0	0.13	0	0	0.13	0	-0.4	0.1	0	0	21902.4	0
10	24	2004	0	0	0	0.06	0	0	0.18	0	-0.3	0.1	0	0	21902.4	0
11	24	2004	1.52	0	0	0.86	0	0	0.83	0	-0.3	0.1	0	0	21903.3	0
12	24	2004	3.05	1.05	0	0.5	0	0	1.56	0	-0.2	0.1	0	0	21903.8	0.01
13	24	2004	1.02	0.5	0	1.09	0	0	0.7	0	-0.3	0.1	0	0	21904.9	0
14	24	2004	0.51	0.32	0	0.48	0	0	0.52	0	-0.4	0.1	0	0	21905.3	0
15	24	2004	0.25	0.01	0	0.48	0	0	0.33	0	-0.3	0.1	0	0	21905.8	0
16	24	2004	0.25	0	0	0.2	0	0	0.22	0	-0.3	0.1	0	0	21906	0
17	24	2004	0.76	0	0	0.4	0	0	0.49	0	-0.2	0.1	0	0	21906.4	0
18	24	2004	0.76	0	0	0.41	0	0	0.4	0	-0.1	0.1	0	0	21906.8	0.01
19	24	2004	0	0	0	0.1	0	0	0.03	0	-0.2	0.1	0	0	21906.9	0
20	24	2004	0	0	0	0.08	0	0	0.09	0	-0.3	0.1	0	0	21907	-0.01
21	24	2004	0.25	0	0	0.19	0	0	0.21	0	-0.2	0.1	0	0	21907.2	0
22	24	2004	0.76	0	0	0.46	0	0	0.41	0	-0.2	0.1	0	0	21907.7	-0.01
23	24	2004	0.25	0	0	0.23	0	0	0.19	0	-0.3	0.1	0	0	21907.9	-0.01
24	24	2004	0.51	0	0	0.32	0	0	0.36	0	-0.3	0.1	0	0	21908.2	0
25	24	2004	0	0	0	0.05	0	0	0.08	0	-0.2	0.1	0	0	21908.3	0
26	24	2004	0	0	0	0.11	0	0	0.02	0	-0.2	0.1	0	0	21908.4	0
27	24	2004	1.78	0.3	0	0.62	0	0	0.93	0	-0.2	0.1	0	0	21909	0
28	24	2004	1.02	0.13	0	0.69	0	0	0.55	0	-0.1	0.1	0	0	21909.7	0
29	24	2004	0	0	0	0.26	0	0	-0.04	0	-0.2	0.1	0	0	21909.9	0
30	24	2004	0	0	0	0.14	0	0	-0.03	0	-0.2	0.1	0	0	21910.1	-0.01
31	24	2004	3.3	0.86	0	0.5	0	0	2.01	0	-0.2	0.1	0	0	21910.6	0
32	24	2004	0.25	0.55	0	0.44	0	0	0.18	0	-0.1	0.1	0	0	21911	0
33	24	2004	0	0	0	0.55	0	0	0.06	0	-0.1	0.1	0	0	21911.6	0
34	24	2004	10.67	0.51	0	0.6	0	0	9.56	0	-0.1	0.1	0	0	21912.2	0
35	24	2004	0.51	0	0	0.82	0	0	0.21	0	-0.1	0.1	0	0	21913	0
36	24	2004	0	0	0	0.07	0	0	-0.04	0	-0.1	0.1	0	0	21913.1	0
37	24	2004	4.83	0.3	0	0.8	0	0	3.71	0	-0.1	0.1	0	0	21913.9	0.01
38	24	2004	1.27	0.03	0	0.85	0	0	0.72	0	-0.1	0.1	0	0	21914.7	0
39	24	2004	0	0	0	0.13	0	0	0	0	-0.2	0.1	0	0	21914.8	0
40	24	2004	0	0	0	0.08	0	0	-0.07	0	-0.1	0.1	0	0	21914.9	0
41	24	2004	0.25	0	0.19	0.13	0	0	-0.1	0	0.1	0.1	0	0	21915	0.01
42	24	2004	0.51	0	0	0.32	0	0	0.25	0	-0.1	0.1	0	0	21915.4	-0.01
43	24	2004	0.25	0	0	0.16	0	0	0.15	0	-0.1	0.1	0	0	21915.5	-0.01
44	24	2004	0.25	0	0	0.24	0	0	0.02	0	-0.1	0.1	0	0	21915.8	0
45	24	2004	0	0	0	0.1	0	0	-0.05	0	-0.1	0.1	0	0	21915.9	-0.01
46	24	2004	0	0	0	0.17	0	0	-0.05	0	-0.2	0.1	0	0	21916	0
47	24	2004	0	0	0	0.09	0	0	0.01	0	-0.2	0.1	0	0	21916.1	0
48	24	2004	0	0	0	0.06	0	0	0	0	-0.1	0.1	0	0	21916.2	0
49	24	2004	0	0	0.32	0.02	0	0	-0.29	0	0.2	0.1	0	0	21916.2	0
50	24	2004	0	0	0	0.01	0	0	-0.03	0	-0.1	0.1	0	0	21916.2	0
51	24	2004	0.51	0	0.14	0.26	0	0	0.08	0	0.1	0.1	0	0	21916.5	0
52	24	2004	6.86	0.45	6.08	0.82	0	0	-0.54	0	4.4	0.1	1.68	0	21917.3	0
53	24	2004	0.25	0	0.37	0.72	0	0	-0.36	0	0.3	0.1	0	0	21918	0
54	24	2004	0	0	2.22	0.08	0	0	-2.26	0	0.4	0.1	1.73	0	21918.1	0
55	24	2004	0	0	0.2	0.15	0	0	-0.33	0	0.0	0.1	0.11	0	21918.2	0
56	24	2004	0	0	0.08	0.24	0	0	-0.29	0	-0.1	0.1	0.02	0	21918.5	0
57	24	2004	0	0	0.79	0.12	0	0	-0.9	0	0.2	0.1	0.5	0	21918.6	0
58	24	2004	0	0	0.56	0.16	0	0	-0.7	0	0.3	0.1	0.17	0	21918.8	0
59	24	2004	0	0	0.11	0.37	0.22	0	-0.25	0	-0.2	0.1	0	0	21919.1	0
60	24	2004	0	0	2.2	0.6	0.52	0	-2.26	0	1.2	0.1	0.34	0	21919.7	0
61	24	2004	0	0	3.46	0.96	0.93	0	-3.48	0	2.3	0.1	0.12	0	21920.7	0
62	24	2004	1.02	0	5.8	1.47	0.97	0	-5.3	0	4.8	0.1	0	0	21922.1	0
63	24	2004	0	0	2.49	0.31	0.31	0	-2.49	0	2.1	0.1	0	0	21922.5	0
64	24	2004	1.02	0	4.12	0.75	0.25	0	-3.61	0	3.8	0.1	0	0	21923.2	0
65	24	2004	2.79	0.29	6.24	1.17	0.05	0	-6.11	0	7.4	0.1	0	0	21924.4	0
66	24	2004	0	0	0	0.91	0.6	0	0	0	-0.7	0.1	0	0	21925.3	-0.02
67	24	2004	0.76	0	0	1.1	0.3	0	0	0	-0.4	0.1	0	0	21926.4	-0.03
68	24	2004	0.51	0	0.24	0.43	0	0	0	0	0.0	0.1	0	0	21926.8	0
69	24	2004	0	0	0	0.25	0	0	0	0	-0.3	0.1	0	0	21927.1	0
70	24	2004	0	0	0	0.75	0.51	0	0	0	-0.8	0.1	0	0	21927.8	0
71	24	2004	0	0	0	1.33	0.97	0	0	0	-1.4	0.1	0	0	21929.2	-0.01
72	24	2004	2.29	0	0.92	1.64	0	0	0	0	0.6	0.1	0	0	21930.8	-0.01
73	24	2004	0	0	0	1.24	0	0	0	0	-1.3	0.1	0	0	21932	0
74	24	2004	0.25	0	0.12	0.97	0.35	0	0	0	-0.8	0.1	0	0	21933	-0.01
75	24	2004	1.27	0	0	0.97	0	0	0	0	-0.3	0.1	0.48	0	21934	0
76	24	2004	6.35	0.61	0	1.03	0	0	5.07	0	-0.4	0.1	0	0	21935	0
77	24	2004	1.52	0	1.83	1.35	0	0	-0.83	0	0.3	0.1	1.23	0	21936.4	0
78	24	2004	1.02	0	1.63	0.54	0	0	-0.97	0	-0.3	0.1	1.63	0	21936.9	0
79	24	2004	0	0	2.61	0.1	0	0	-2.44	0	-0.4	0.1	2.61	0	21937	0
80	24	2004	5.84	0.14	1.3	1.22	0	0	3.27	0	-0.2	0.1	1.3	0	21938.2	0
81	24	2004	0.51	0	1.58	0.46	0	0	-1.28	0	-0.2	0.1	1.58	0	21938.7	-0.01
82	24	2004	0	0	0.34	0.37	0	0	-0.35	0	-0.4	0.1	0.34	0	21939.1	0
83	24	2004	0.25	0	0.75	0.24	0	0	-0.64	0	-0.2	0.1	0.75	0	21939.3	0
84	24	2004	0.76	0	1.67	1.76	1.41	0	-1.85	0	-1.3	0.1	2.11	0	21941.1	0
85	24	2004	0.51	0	0	1.01	0.8	0	0	0	-0.6	0.1	0	0	21942.1	-0.01
86	24	2004	15.75	0	0	1.68	0.32	0	0	0	14.0	0.1	0	0	21943.7	0
87	24	2004	6.86	0.25	0	1.16	0.02	0	0	0	5.4	0.1	0	0	21944.9	-0.03
88	24	2004	0	0	0	2.94	1.73	0	0	0	-2.8	0.1	0	0	21947.8	-0.01
89	24	2004	0	0	0	4.28	2.91	0	0	0	-4.3	0.1	0	0	21952.1	-0.02
90	24	2004	0	0	0	3.87	2.33	0	0	0	-3.9	0.1	0	0	21956	-0.01
91	24	2004	0.76	0	0	1.74	0.81	0	0	0	-1.1	0.1	0	0	21957.7	-0.01
92	24	2004	8.64	0.65	0	0.95	0.04	0	0	0	7.0	0.1	0	0	21958.7	0.01
93	24	2004	2.29	0.35	0	1.44	0	0	0	0	1.1	0.1	0	0	21960.1	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
94	24	2004	3.3	0.5	0	1.42	0	0	0	0	1.7	0.1	0	0	21961.5	0
95	24	2004	2.79	0.24	1.26	1.57	0	0	0	0	1.4	0.1	0	0	21963.1	0
96	24	2004	0.51	0	0.26	2.24	0	0	0	0	-1.8	0.1	0	0.26	21965.4	0
97	24	2004	0	0	0	2.47	0.93	0	0	0	-2.3	0.1	0	0	21967.8	-0.03
98	24	2004	1.02	0	0	0.67	0	0	0	0	0.3	0.1	0	0	21968.5	0
99	24	2004	0	0	0	2.14	1.18	0	0	0	-2.2	0.1	0	0	21970.6	-0.02
100	24	2004	0	0	0	3.53	1.66	0	0	0	-3.6	0.1	0	0	21974.2	-0.02
101	24	2004	0	0	0	3.01	1.23	0	0	0	-3.1	0.1	0	0	21977.2	-0.01
102	24	2004	0	0	0	3.04	1.27	0	0	0	-3.1	0.1	0	0	21980.2	-0.01
103	24	2004	1.27	0	0	2.79	1.01	0	0	0	-1.6	0.1	0	0	21983	-0.01
104	24	2004	40.39	0.47	0	1.06	0.02	0	0	0	38.8	0.1	0	0	21984.1	0.01
105	24	2004	0.76	0	0	1.68	0.36	0	0	0	-0.5	0.1	0	0	21985.8	0
106	24	2004	0	0	0	3.46	1.51	0	0	0	-3.5	0.1	0	0	21989.2	0
107	24	2004	0	0	0	3.02	1.77	0	0	0	-3.1	0.1	0	0	21992.2	-0.01
108	24	2004	0.51	0	0	2.3	1.71	0	0	0	-1.9	0.1	0	0	21994.5	0.01
109	24	2004	3.3	0	0	1.99	0.22	0	0	0	1.3	0.1	0	0	21996.5	-0.02
110	24	2004	6.1	0	0	3.83	2.06	0	0	0	2.2	0.1	0	0	22000.3	-0.03
111	24	2004	0	0	0	3.31	1.46	0	0	0	-3.4	0.1	0	0	22003.7	-0.01
112	24	2004	0.25	0	0	4.49	2.54	0	0	0	-4.3	0.1	0	0	22008.2	-0.04
113	24	2004	9.65	0	0	3.22	0.87	0	0	0	6.4	0.1	0	0	22011.4	0.01
114	24	2004	0.76	0	0	2.12	0.87	0	0	0	-1.4	0.1	0	0	22013.5	0
115	24	2004	0	0	0	4.57	1.91	0	0	0	-4.6	0.1	0	0	22018.1	-0.02
116	24	2004	8.64	0	0	2.47	0.31	0	0	0	6.1	0.1	0	0	22020.5	-0.02
117	24	2004	2.29	0	0	1.62	0.25	0	0	0	0.6	0.1	0	0	22022.2	-0.01
118	24	2004	2.29	0	0	3.44	0.79	0	0	0	-1.2	0.1	0	0	22025.6	-0.02
119	24	2004	0	0	0	4.29	1.62	0	0	0	-4.4	0.1	0	0	22029.9	-0.02
120	24	2004	0	0	0	5.77	3.79	0	0	0	-5.8	0.1	0	0	22035.7	-0.02
121	24	2004	0	0	0	5.64	3.58	0	0	0	-5.7	0.1	0	0	22041.3	0
122	24	2004	5.84	0	0	4.71	1.99	0	0	0	1.1	0.1	0	0	22046	-0.01
123	24	2004	20.07	0	0	4.67	1.66	0	0	0	15.4	0.1	0	0	22050.7	-0.03
124	24	2004	2.79	0	0	4.06	0.66	0	0	0	-1.3	0.1	0	0	22054.7	-0.03
125	24	2004	0	0	0	4.02	1.53	0	0	0	-4.1	0.1	0	0	22058.7	-0.03
126	24	2004	4.57	0	0	2.55	0.52	0	0	0	2.0	0.1	0	0	22061.3	-0.01
127	24	2004	2.54	0	0	4.7	1.66	0	0	0	-2.2	0.1	0	0	22066	-0.01
128	24	2004	2.54	0	0	4.8	1.27	0	0	0	-2.3	0.1	0	0	22070.8	-0.01
129	24	2004	1.27	0	0	2.89	0.91	0	0	0	-1.7	0.1	0	0	22073.7	-0.02
130	24	2004	4.83	0	0	1.77	0.16	0	0	0	3.0	0.1	0	0	22075.4	0
131	24	2004	2.29	0	0	4.22	1.85	0	0	0	-2.0	0.1	0	0	22079.7	-0.03
132	24	2004	0	0	0	4.93	2.65	0	0	0	-5.0	0.1	0	0	22084.6	-0.03
133	24	2004	7.87	0	0	3.69	1.25	0	0	0	4.1	0.1	0	0	22088.3	-0.01
134	24	2004	0	0	0	4.83	2.69	0	0	0	-4.9	0.1	0	0	22093.1	-0.02
135	24	2004	16	0	0	4.79	1.8	0	0	0	11.1	0.1	0	0	22097.9	-0.01
136	24	2004	7.62	0	0	2.92	0.65	0	0	0	4.7	0.1	0	0	22100.8	-0.03
137	24	2004	0.25	0	0	3.06	1.34	0	0	0	-2.9	0.1	0	0	22103.9	-0.02
138	24	2004	0	0	0	5.12	2.59	0	0	0	-5.2	0.1	0	0	22109	-0.03
139	24	2004	7.11	0	0	4.79	1.81	0	0	0	2.2	0.1	0	0	22113.8	0
140	24	2004	0	0	0	5.06	2.25	0	0	0	-5.1	0.1	0	0	22118.8	-0.01
141	24	2004	0.76	0	0	4.97	2.28	0	0	0	-4.3	0.1	0	0	22123.8	-0.04
142	24	2004	0.51	0	0	3.53	1.66	0	0	0	-3.1	0.1	0	0	22127.3	0
143	24	2004	2.54	0	0	2.3	0.4	0	0	0	0.2	0.1	0	0	22129.6	-0.02
144	24	2004	20.32	0	0	2.55	0.52	0	0	0	17.7	0.1	0	0	22132.2	-0.03
145	24	2004	50.29	0	0	4.58	1.68	0	0	0	45.6	0.1	0	0	22136.8	-0.02
146	24	2004	0.51	0	0	2.25	0.81	0	0	0	-1.8	0.1	0	0	22139	-0.03
147	24	2004	0.51	0	0	2.87	1.36	0	0	0	-2.5	0.1	0	0	22141.9	-0.01
148	24	2004	6.86	0	0	5.08	1.53	0	0	0	1.7	0.1	0	0	22147	-0.01
149	24	2004	20.83	0	0	4.18	0.94	0	0	0	16.6	0.1	0	0	22151.2	-0.03
150	24	2004	0	0	0	5.85	2.11	0	0	0	-5.9	0.1	0	0	22157	-0.02
151	24	2004	0	0	0	5.15	2.25	0	0	0	-5.2	0.1	0	0	22162.2	-0.01
152	24	2004	9.4	0	0	3.22	0.82	0	0	0	6.1	0.1	0	0	22165.4	-0.03
153	24	2004	20.07	0	0	4.61	1.43	0	0	0	15.4	0.1	0	0	22170	-0.02
154	24	2004	0.51	0	0	1.96	0.73	0	0	0	-1.5	0.1	0	0	22171.9	-0.02
155	24	2004	0	0	0	4.9	2.01	0	0	0	-5.0	0.1	0	0	22176.8	-0.02
156	24	2004	0	0	0	4.87	2.07	0	0	0	-5.0	0.1	0	0	22181.7	0
157	24	2004	0	0	0	4.6	2.18	0	0	0	-4.7	0.1	0	0	22186.3	-0.02
158	24	2004	0	0	0	3.32	1.64	0	0	0	-3.4	0.1	0	0	22189.6	0.01
159	24	2004	0	0	0	4.66	2.34	0	0	0	-4.8	0.1	0	0	22194.3	-0.02
160	24	2004	0	0	0	5.87	2.96	0	0	0	-6.0	0.1	0	0	22200.2	-0.02
161	24	2004	0	0	0	6.22	3.34	0	0	0	-6.3	0.1	0	0	22206.4	-0.01
162	24	2004	2.54	0	0	3.53	0.75	0	0	0	-1.1	0.1	0	0	22209.9	-0.03
163	24	2004	0	0	0	5.4	2.17	0	0	0	-5.5	0.1	0	0	22215.3	-0.01
164	24	2004	0	0	0	5.12	2.25	0	0	0	-5.2	0.1	0	0	22220.4	0
165	24	2004	6.86	0	0	4.63	1.62	0	0	0	2.2	0.1	0	0	22225	-0.03
166	24	2004	2.03	0	0	5.5	2.3	0	0	0	-3.6	0.1	0	0	22230.5	0
167	24	2004	7.11	0	0	5.98	1.96	0	0	0	1.0	0.1	0	0	22236.5	0
168	24	2004	0	0	0	5.22	2.33	0	0	0	-5.3	0.1	0	0	22241.7	-0.01
169	24	2004	3.81	0	0	1.89	0.18	0	0	0	1.8	0.1	0	0	22243.6	0.01
170	24	2004	0	0	0	2.65	1.45	0	0	0	-2.8	0.1	0	0	22246.3	0
171	24	2004	0.25	0	0	4.84	1.8	0	0	0	-4.7	0.1	0	0	22251.1	-0.03
172	24	2004	0	0	0	5.74	2.18	0	0	0	-5.9	0.1	0	0	22256.9	-0.02
173	24	2004	0	0	0	5.79	2.58	0	0	0	-5.9	0.1	0	0	22262.7	-0.01
174	24	2004	5.59	0	0	2.87	0.82	0	0	0	2.6	0.1	0	0	22265.5	-0.01
175	24	2004	0	0	0	6.06	2.41	0	0	0	-6.2	0.1	0	0	22271.6	-0.01
176	24	2004	1.02	0	0	6.45	2.66	0	0	0	-5.6	0.1	0	0	22278	-0.01
177	24	2004	1.02	0	0	2.55	0.78	0	0	0	-1.6	0.1	0	0	22280.6	-0.02
178	24	2004	10.16	0	0	4.52	1.2	0	0	0	5.5	0.1	0	0	22285.1	0
179	24	2004	0	0	0	5.49	2.27	0	0	0	-5.6	0.1	0	0	22290.6	-0.03
180	24	2004	0	0	0	2.29	1.18	0	0	0	-2.5	0.1	0	0	22292.9	0.01
181	24	2004	1.02	0	0	4.15	1.66	0	0	0	-3.3	0.1	0	0	22297	-0.01
182	24	2004	0	0	0	5.35	2.37	0	0	0	-5.5	0.2	0	0	22302.4	-0.02
183	24	2004	0	0	0	4.93	2.6	0	0	0	-5.1	0.2	0	0	22307.3	0
184	24	2004	0	0	0	5.97	2.73	0	0	0	-6.1	0.2	0	0	22313.3	-0.03
185	24	2004	0	0	0	4.88	3.03	0	0	0	-5.0	0.2	0	0	22318.2	-0.01
186	24	2004	0.76	0	0	3.39	2.73	0	0	0	-2.8	0.2	0	0	22321.6	-0.01
187	24	2004	0	0	0	3.06	3.01	0	0	0	-3.2	0.2	0	0	22324.6	-0.01
188	24	2004	1.02	0	0	3.06	2.04	0	0	0	-2.2	0.2	0	0	22327.7	-0.01
189	24	2004	19.05	0	0	2.67	0.83	0	0	0	16.2	0.2	0	0	22330.4	-0.01
190	24	2004	15.75	0	0	2.75	0.55	0	0	0	12.9	0.2	0	0	22333.1	-0.02
191	24	2004	0	0	0	3.08	1.57	0	0	0	-3.2	0.2	0	0	22336.2	-0.02
192	24	2004	0	0	0	5.11	2.82	0	0	0	-5.3	0.2	0	0	22341.3	0
193	24	2004	0	0	0	5.08	2.95	0	0	0	-5.2	0.2	0	0	22346.4	-0.02
194	24	2004	2.54	0	0	2.5	0.51	0	0	0	-0.1	0.2	0	0	22348.9	-0.02
195	24	2004	0	0	0	3.12	1.94	0	0	0	-3.3	0.2	0	0	22352	-0.02
196	24	2004	27.18	0.11	0	2.06	0.12	0	0	0	24.8	0.2	0	0	22354	-0.01
197	24	2004	0	0	0	3.11	1.86	0	0	0	-3.2	0.2	0	0	22357.2	-0.01
198	24	2004	7.37	0	0	4.47	1.61	0	0	0	2.7	0.2	0	0	22361.6	0
199	24	2004	8.64	0	0	4.39	1.48	0	0	0	4.1	0.2	0	0	22366	-0.02
200	24	2004	1.78	0	0	2.72	0.91	0	0	0	-1.1	0.2	0	0	22368.7	-0.03
201	24	2004	0	0	0	3.77	2.52	0	0	0	-3.9	0.2	0	0	22372.5	-0.03
202	24	2004	0	0	0	5.33	3.34	0	0	0	-5.5	0.2	0	0	22377.8	-0.02
203	24	2004	0	0	0	5.55	3.61	0	0	0	-5.7	0.2	0	0	22383.4	-0.02
204	24	2004	9.14	0	0	5.26	2.31	0	0	0	3.7	0.2	0	0	22388.6	-0.02
205	24	2004	0.76	0	0	2.91	1.42	0	0	0	-2.3	0.2	0	0	22391.5	-0.03
206	24	2004	0	0	0	5.56	3.27	0	0	0	-5.7	0.2	0	0	22397.1	-0.02
207	24	2004	0	0	0	3.4	2.34	0	0	0	-3.6	0.2	0	0	22400.5	-0.02
208	24	2004	6.1	1.06	0	1.16	0.1	0	0	0	3.7	0.2	0	0	22401.7	0.01
209	24	2004	68.33	1.02	0	1.4	0	0	0	0	66.8	0.2	0	0	22403.1	0
210	24	2004	2.79	0	0	3.36	0.6	0	0	0	0.3	0.2	0	0	22406.4	-0.04
211	24	2004	0	0	0	3.98	2.98	0	0	0	-4.2	0.2	0	0	22410.4	-0.03
212	24	2004	0	0	0	3.61	2.83	0	0	0	-3.8	0.2	0	0	22414	-0.05
213	24	2004	5.33	0	0	3.8	1.26	0	0	0	1.3	0.2	0	0	22417.8	0.01
214	24	2004	0	0	0	4.9	3.42	0	0	0	-5.1	0.2	0	0	22422.7	-0.04
215	24	2004	0	0	0	5.2	3.91	0	0	0	-5.4	0.2	0	0	22427.9	-0.05
216	24	2004	0	0	0	4.91	3.68	0	0	0	-5.1	0.2	0	0	22432.8	-0.03
217	24	2004	0	0	0	2.12	1.52	0	0	0	-2.3	0.2	0	0	22434.9	-0.03
218	24	2004	0	0	0	5.36	3.34	0	0	0	-5.5	0.2	0	0	22440.3	-0.04
219	24	2004	0	0	0	3.34	2.17	0	0	0	-3.5	0.2	0	0	22443.6	-0.04
220	24	2004	0	0	0	3.83	2.64	0	0	0	-4.0	0.2	0	0	22447.5	-0.02
221	24	2004	0.25	0	0	5	3.66	0	0	0	-5.0	0.2	0	0	22452.5	0
222	24	2004	0	0	0	5.37	4.12	0	0	0	-5.6	0.2	0	0	22457.9	-0.02
223	24	2004	3.81	0	0	4.45	1.56	0	0	0	-0.8	0.2	0	0	22462.3	0.01
224	24	2004	0.51	0	0	5.59	3.96	0	0	0	-5.3	0.2	0	0	22467.9	-0.03
225	24	2004	4.83	1.54	0	1.26	0.12	0	0	0	1.8	0.2	0	0	22469.1	0
226	24	2004	15.75	0.65	0	2.4	0	0	0	0	14.0	0.2	0	0	22471.5	0
227	24	2004	0	0	0	4.14	2.64	0	0	0	-3.7	0.2	0	0	22475.7	-0.03
228	24	2004	0	0	0	3.53	3.01	0	0	0	-3.7	0.2	0	0	22479.2	-0.02
229	24	2004	0	0	0	2.27	1.85	0	0	0	-2.4	0.2	0	0	22481.5	-0.05
230	24	2004	0	0	0	4.66	3.81	0	0	0	-4.8	0.2	0	0	22486.1	-0.04

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
231	24	2004	0	0	0	5.44	4.43	0	0	0	-5.6	0.2	0	0	22491.6	-0.04
232	24	2004	8.38	0	0	3.38	0.36	0	0	0	4.8	0.2	0	0	22495	0
233	24	2004	2.29	0	0	2.88	0.95	0	0	0	-0.8	0.2	0	0	22497.8	-0.01
234	24	2004	25.4	0	0	3.76	0.26	0	0	0	21.5	0.2	0	0	22501.6	-0.02
235	24	2004	0	0	0	4.53	3.68	0	0	0	-4.7	0.2	0	0	22506.1	-0.07
236	24	2004	0	0	0	3.43	2.95	0	0	0	-3.6	0.2	0	0	22509.6	-0.02
237	24	2004	0	0	0	4.58	3.78	0	0	0	-4.7	0.2	0	0	22514.1	-0.06
238	24	2004	0	0	0	4.53	3.88	0	0	0	-4.7	0.2	0	0	22518.7	-0.04
239	24	2004	0	0	0	5.07	4.45	0	0	0	-5.3	0.2	0	0	22523.7	-0.02
240	24	2004	12.95	0	0	5.08	1.92	0	0	0	7.7	0.2	0	0	22528.8	0.01
241	24	2004	8.64	0	0	4.25	1.01	0	0	0	4.2	0.2	0	0	22533.1	-0.02
242	24	2004	19.05	0	0	4.56	1.31	0	0	0	14.3	0.2	0	0	22537.6	-0.05
243	24	2004	26.16	2.16	0	1	0.08	0	0	0	22.8	0.2	0	0	22538.6	-0.01
244	24	2004	1.27	0	0	5.91	1.68	0	0	0	-2.7	0.2	0	0	22544.5	-0.02
245	24	2004	0	0	0	4.1	3.15	0	0	0	-4.3	0.2	0	0	22548.6	-0.05
246	24	2004	0	0	0	3.93	3.31	0	0	0	-4.1	0.2	0	0	22552.6	-0.02
247	24	2004	0	0	0	4.51	3.86	0	0	0	-4.7	0.2	0	0	22557.1	-0.04
248	24	2004	0	0	0	3.93	3.41	0	0	0	-4.1	0.2	0	0	22561	-0.01
249	24	2004	0	0	0	4.06	3.28	0	0	0	-4.2	0.2	0	0	22565.1	-0.06
250	24	2004	0	0	0	4.87	3.85	0	0	0	-5.0	0.2	0	0	22569.9	-0.03
251	24	2004	0	0	0	3.4	2.93	0	0	0	-3.6	0.2	0	0	22573.3	0
252	24	2004	13.21	1.02	0	2.03	0.12	0	0	0	10.0	0.2	0	0	22575.4	-0.01
253	24	2004	41.66	0	0	4.28	1.23	0	0	0	38.2	0.2	0	0	22579.7	-0.03
254	24	2004	0.25	0	0	4.14	2.78	0	0	0	-4.0	0.2	0	0	22583.8	-0.05
255	24	2004	0	0	0	3.61	3.02	0	0	0	-3.8	0.2	0	0	22587.4	-0.04
256	24	2004	0	0	0	3.79	3.13	0	0	0	-4.0	0.2	0	0	22591.2	-0.03
257	24	2004	0	0	0	3.39	2.64	0	0	0	-3.5	0.2	0	0	22594.6	-0.05
258	24	2004	0	0	0	3.8	2.94	0	0	0	-3.9	0.2	0	0	22598.4	-0.06
259	24	2004	0	0	0	3.84	3.07	0	0	0	-4.0	0.2	0	0	22602.2	-0.01
260	24	2004	0	0	0	3.89	3.08	0	0	0	-4.1	0.2	0	0	22606.1	-0.03
261	24	2004	14.48	0.99	0	1.73	0.09	0	0	0	11.6	0.2	0	0	22607.8	-0.04
262	24	2004	11.68	0	0	4.63	0.72	0	0	0	7.9	0.2	0	0	22612.5	-0.02
263	24	2004	0	0	0	3.51	2.18	0	0	0	-3.7	0.2	0	0	22616	-0.03
264	24	2004	0	0	0	2.43	2.09	0	0	0	-2.6	0.2	0	0	22618.4	-0.01
265	24	2004	0	0	0	2.23	1.93	0	0	0	-2.4	0.2	0	0	22620.6	-0.01
266	24	2004	0	0	0	3.77	3.07	0	0	0	-3.9	0.2	0	0	22624.4	-0.02
267	24	2004	0	0	0	2.76	2.38	0	0	0	-2.9	0.2	0	0	22627.2	-0.02
268	24	2004	0.25	0	0	2.94	2.33	0	0	0	-2.9	0.2	0	0	22630.1	-0.02
269	24	2004	0	0	0	2.2	1.76	0	0	0	-2.4	0.2	0	0	22632.3	-0.03
270	24	2004	0	0	0	3.37	2.36	0	0	0	-3.5	0.2	0	0	22635.7	-0.05
271	24	2004	0	0	0	3.07	2.34	0	0	0	-3.2	0.2	0	0	22638.8	-0.04
272	24	2004	0	0	0	1.32	1.02	0	0	0	-1.5	0.2	0	0	22640.1	-0.02
273	24	2004	0	0	0	3.04	1.97	0	0	0	-3.2	0.2	0	0	22643.1	-0.03
274	24	2004	0.76	0	0	1.06	0.28	0	0	0	-0.5	0.2	0	0	22644.2	-0.02
275	24	2004	0	0	0	2.85	2.1	0	0	0	-3.0	0.2	0	0	22647	-0.03
276	24	2004	5.33	0	0	2.33	0.28	0	0	0	2.8	0.2	0	0	22649.3	-0.02
277	24	2004	0	0	0	2.84	1.79	0	0	0	-3.0	0.2	0	0	22652.2	-0.02
278	24	2004	0	0	0	2.75	1.77	0	0	0	-2.9	0.2	0	0	22654.9	-0.03
279	24	2004	0	0	0	2.18	1.18	0	0	0	-2.4	0.2	0	0	22657.1	-0.02
280	24	2004	0	0	0	2.67	1.75	0	0	0	-2.9	0.2	0	0	22659.8	-0.03
281	24	2004	0	0	0	2.35	1.76	0	0	0	-2.5	0.2	0	0	22662.1	-0.02
282	24	2004	0	0	0	2.74	1.98	0	0	0	-2.9	0.2	0	0	22664.9	-0.02
283	24	2004	0	0	0	2.51	1.61	0	0	0	-2.7	0.2	0	0	22667.4	-0.04
284	24	2004	1.27	0	0	1.66	0.25	0	0	0	-0.6	0.2	0	0	22669.1	-0.04
285	24	2004	0	0	0	1.55	0.61	0	0	0	-1.7	0.2	0	0	22670.6	-0.04
286	24	2004	0	0	0	1.79	0.91	0	0	0	-2.0	0.2	0	0	22672.4	-0.01
287	24	2004	0	0	0	1.75	1.07	0	0	0	-1.9	0.2	0	0	22674.1	-0.01
288	24	2004	0.25	0	0	1.81	1.02	0	0	0	-1.7	0.2	0	0	22676	-0.02
289	24	2004	17.78	0	0	1.3	0.07	0	0	0	16.3	0.2	0	0	22677.3	-0.01
290	24	2004	1.27	0	0	2	0.39	0	0	0	-0.9	0.2	0	0	22679.2	-0.05
291	24	2004	5.33	0	0	2.15	0.13	0	0	0	3.0	0.2	0	0	22681.4	-0.04
292	24	2004	2.54	0	0	1.52	0.05	0	0	0	0.8	0.2	0	0	22682.9	0
293	24	2004	4.06	0.11	0	1.09	0.03	0	0	0	2.7	0.2	0	0	22684	0.01
294	24	2004	5.59	0	0	1.4	0.05	0	0	0	4.1	0.2	0	0	22685.4	-0.03
295	24	2004	8.64	0.24	0	0.79	0.02	0	0	0	7.4	0.2	0	0	22686.2	0
296	24	2004	0	0	0	1.73	0.27	0	0	0	-1.7	0.2	0	0	22687.9	-0.03
297	24	2004	0	0	0	1.77	0.36	0	0	0	-1.9	0.2	0	0	22689.7	-0.04
298	24	2004	0	0	0	1.59	0.27	0	0	0	-1.8	0.2	0	0	22691.3	-0.01
299	24	2004	0.25	0	0	0.48	0.09	0	0	0	-0.4	0.2	0	0	22691.8	0.01
300	24	2004	0	0	0	0.7	0.16	0	0	0	-0.9	0.2	0	0	22692.5	0
301	24	2004	0	0	0	1.07	0.12	0	0	0	-1.3	0.2	0	0	22693.5	-0.02
302	24	2004	0	0	0	1.78	0.11	0	0	0	-2.0	0.2	0	0	22695.3	-0.01
303	24	2004	0.25	0	0	1.24	0.07	0	0	0	-1.2	0.2	0	0	22696.5	0
304	24	2004	4.83	0	0	0.84	0.02	0	0	0	3.8	0.2	0	0	22697.4	0.01
305	24	2004	0.25	0	0	3.15	0	0	0	0	-3.1	0.2	0	0	22700.5	0
306	24	2004	3.3	0	0	1.43	0	0	0	0	1.7	0.2	0	0	22702	0
307	24	2004	8.38	0	0	0.59	0	0	0	0	7.6	0.2	0	0	22702.5	0
308	24	2004	1.27	0	0	1.43	0	0	0	0	-0.4	0.2	0	0	22704	0.01
309	24	2004	9.91	0	0	1.13	0.01	0	0	0	8.6	0.2	0	0	22705.1	0
310	24	2004	9.14	0	0	3.01	0	0	0	0	5.9	0.2	0	0	22708.1	0
311	24	2004	0	0	0	2.56	0.02	0	0	0	-2.8	0.2	0	0	22710.7	0.01
312	24	2004	0	0	0	2.07	0.03	0	0	0	-2.3	0.2	0	0	22712.7	0
313	24	2004	1.78	0	0	1.83	0	0	0	0	-0.3	0.2	0	0	22714.6	-0.01
314	24	2004	0.25	0	0.25	1.51	0	0	0	0	-1.7	0.2	0	0.25	22716.1	0
315	24	2004	0	0	0	0.8	0.03	0	0	0	-0.8	0.2	0	0	22716.9	0
316	24	2004	0	0	0	0.8	0.04	0	0	0	-1.0	0.2	0	0	22717.7	0
317	24	2004	0	0	0	1.2	0	0	0	0	-1.4	0.2	0	0	22718.9	0
318	24	2004	0	0	0	1.6	0	0	0	0	-1.8	0.2	0	0	22720.5	0
319	24	2004	0	0	0	0.48	0.05	0	0	0	-0.7	0.2	0	0	22721	0
320	24	2004	0	0	0	0.99	0.06	0	0	0	-1.2	0.2	0	0	22722	-0.01
321	24	2004	0	0	0	0.61	0.06	0	0	0	-0.8	0.2	0	0	22722.6	0
322	24	2004	0	0	0	0.26	0.05	0	0	0	-0.5	0.2	0	0	22722.8	0
323	24	2004	1.78	0.05	0	0.04	0	0	0	0	1.5	0.2	0	0	22722.9	0
324	24	2004	0	0	0	0.62	0.02	0	0	0	-0.8	0.2	0	0	22723.5	-0.01
325	24	2004	2.79	0	0	0.71	0	0	0	0	1.9	0.2	0	0	22724.2	-0.01
326	24	2004	1.27	0	0	0.42	0.02	0	0	0	0.7	0.2	0	0	22724.6	0
327	24	2004	0	0	0	0.9	0.05	0	0	0	-1.1	0.2	0	0	22725.5	-0.01
328	24	2004	0	0	0	1.13	0.07	0	0	0	-1.3	0.2	0	0	22726.6	0
329	24	2004	10.92	0	0	0.32	0.02	0	0	0	10.4	0.2	0	0	22727	0
330	24	2004	3.3	0	0	2.15	0.06	0	0	0	1.0	0.2	0	0	22729.1	-0.01
331	24	2004	1.02	0	0.49	0.75	0	0	0	0	0.1	0.2	0	0	22729.9	0
332	24	2004	0	0	0	1.24	0.05	0	0	0	-1.4	0.2	0	0	22731.1	0
333	24	2004	16	0	0	1.54	0.04	0	0	0	14.3	0.2	0	0	22732.6	-0.01
334	24	2004	0	0	0	1.07	0	0	0	0	-1.3	0.2	0	0	22733.7	-0.01
335	24	2004	0	0	0	0.72	0.06	0	0	0	-0.9	0.2	0	0	22734.4	-0.01
336	24	2004	26.67	0	0	1.48	0.03	0	0	0	25.0	0.2	0	0	22735.9	0
337	24	2004	0.51	0	0	0.96	0	0	0	0	-0.6	0.2	0	0	22736.9	-0.02
338	24	2004	2.03	0	0.31	0.73	0	0	1.54	0	-0.4	0.2	0	0	22737.6	-0.01
339	24	2004	0	0	0.25	0.34	0.04	0	0.07	0	-0.6	0.2	0	0	22737.9	0
340	24	2004	0.51	0	1.59	0.82	0.07	0	-1.61	0	1.1	0.2	0	0	22738.8	0.01
341	24	2004	1.78	0	0	1.02	0	0	1.69	0	-1.1	0.2	0	0	22739.8	-0.01
342	24	2004	12.45	0	14.02	0.18	0.05	0	-1.69	0	-0.3	0.2	14.02	0	22740	0
343	24	2004	0.25	0	0	0.56	0.09	0	0	0	-0.5	0.2	0	0	22740.5	0
344	24	2004	0.25	0	0	0.63	0.04	0	0	0	-0.6	0.2	0	0	22741.1	-0.02
345	24	2004	24.64	0.13	0	0.32	0	0	0	0	24.0	0.2	0	0	22741.5	0.01
346	24	2004	7.11	0.19	0	0.27	0	0	0	0	6.6	0.2	0	0	22741.7	0
347	24	2004	1.78	0	0	0.95	0	0	0	0	0.8	0.2	0	0	22742.7	0
348	24	2004	0	0	0	0.86	0	0	0	0	-1.1	0.2	0	0	22743.5	-0.01
349	24	2004	1.78	0	0	1.08	0	0	1.85	0	-1.3	0.2	0	0	22744.6	-0.01
350	24	2004	0	0	0	0.04	0	0	0.45	0	-0.7	0.2	0	0	22744.7	0
351	24	2004	0	0	0	0.26	0	0	0.04	0	-0.5	0.2	0	0	22744.9	0
352	24	2004	0.25	0	0	0.34	0	0	0.17	0	-0.5	0.2	0	0	22745.3	-0.01
353	24	2004	0	0	0	0.22	0	0	0.11	0	-0.5	0.2	0	0	22745.5	-0.01
354	24	2004	0.51	0	0	0.38	0	0	0.43	0	-0.5	0.2	0	0	22745.9	-0.01
355	24	2004	0.25	0	0	0.16	0	0	0.44	0	-0.6	0.2	0	0	22746	0
356	24	2004	0	0	0	0.26	0	0	-0.01	0	-0.5	0.2	0	0	22746.3	0
357	24	2004	1.27	0.04	0	0.14	0	0	1.21	0	-0.3	0.2	0	0	22746.4	0
358	24	2004	3.81	0	8.43	0.17	0.17	0	-4.69	0	-0.1	0.2	8.34	0	22746.6	-0.03
359	24	2004	0	0	0	1.8	0	0	0	0	-2.0	0.2	0	0	22748.4	-0.03
360	24	2004	0	0	0	1.09	0	0	0	0	-1.3	0.2	0	0	22749.5	-0.01
361	24	2004	0	0	0	0.78	0	0	0	0	-1.0	0.2	0	0	22750.3	0
362	24	2004	0	0	0	0.89	0	0	0	0	-1.1	0.2	0	0	22751.1	-0.02
363	24	2004	0.25	0	0.21	0.59	0	0	0	0	-0.6	0.2	0	0	22751.7	0
364	24	2004	0.25	0	0	0.1	0	0	0	0	-0.1	0.2	0	0	22751.8	0.01
365	24	2004	0	0	0	0.08	0.07	0	0	0	-0.3	0.2	0	0	22751.9	0
366	24	2004	7.37	0	0	0.13	0.07	0	0	0	7.0	0.2	0	0	22752	0
1	24	2005	0	0	0	0.98	0.2	0	0	0	-1.2	0.2	0	0	22753	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
2	24	2005	3.56	0	0	0.83	0.01	0	0	0	2.5	0.2	0	0	22753.9	-0.03
3	24	2005	2.54	0.18	0	0.18	0	0	0	0	2.0	0.2	0	0	22754	0.01
4	24	2005	5.33	0.26	0	0.29	0	0	0	0	4.7	0.2	0	0	22754.3	0
5	24	2005	0	0	0	1.01	0	0	0	0	-1.0	0.2	0	0	22755.3	0
6	24	2005	12.19	0	0.26	0.74	0	0	11.57	0	-0.4	0.2	0	0	22756.1	0
7	24	2005	0	0	0	0.19	0	0	-0.04	0	-0.4	0.2	0	0	22756.3	0
8	24	2005	6.1	0.08	0	0.18	0	0	5.91	0	-0.3	0.2	0	0	22756.4	0
9	24	2005	0	0	0	0.13	0	0	0	0	-0.3	0.2	0	0	22756.6	0
10	24	2005	0.51	0	1.14	0.28	0	0	-0.93	0	-0.2	0.2	1.14	0	22756.9	0
11	24	2005	0.25	0	0	0.27	0	0	0.07	0	-0.3	0.2	0	0	22757.1	0
12	24	2005	7.87	0	9.57	0.28	0	0	-2.01	0	-0.2	0.3	9.57	0	22757.4	0.01
13	24	2005	0	0	15.21	-1.27	0.29	0	-14.56	0	0.4	0.3	15.17	0	22756.2	0
14	24	2005	19.3	0	0	2	0.36	0	0	0	9.6	0.3	7.49	0	22758.2	-0.02
15	24	2005	0	0	0	2.04	0	0	0	0	-2.3	0.3	0	0	22760.2	-0.02
16	24	2005	0.51	0	0.4	0.67	0	0	0	0	-0.8	0.3	0	0.4	22760.9	0
17	24	2005	0.25	0	0	0.41	0	0	0.87	0	-0.9	0.3	0	0	22761.3	-0.01
18	24	2005	1.27	0	0	0.29	0	0	1.36	0	-0.6	0.3	0	0	22761.6	0
19	24	2005	0.51	0	0	0.22	0	0	0.57	0	-0.5	0.3	0	0	22761.8	0
20	24	2005	1.27	0	0	0.26	0	0	1.34	0	-0.6	0.3	0	0	22762.1	0
21	24	2005	0	0	0	0.04	0	0	0.25	0	-0.6	0.3	0	0	22762.1	0
22	24	2005	2.54	0.04	0	0.35	0	0	2.33	0	-0.4	0.3	0	0	22762.4	0
23	24	2005	1.27	0.02	0	0.2	0	0	1.28	0	-0.5	0.3	0	0	22762.6	0
24	24	2005	0.25	0	0	0.09	0	0	0.33	0	-0.4	0.3	0	0	22762.7	0
25	24	2005	0.25	0	0	0.09	0	0	0.29	0	-0.4	0.3	0	0	22762.8	0
26	24	2005	4.06	0.03	0	0.26	0	0	3.89	0	-0.4	0.3	0	0	22763.1	0
27	24	2005	0	0	0	0.07	0	0	0.08	0	-0.4	0.3	0	0	22763.2	0
28	24	2005	0	0	0	0.03	0	0	0.12	0	-0.4	0.3	0	0	22763.2	0
29	24	2005	0	0	0	0.09	0	0	0.05	0	-0.4	0.3	0	0	22763.3	0
30	24	2005	0	0	0	0.05	0	0	0.06	0	-0.4	0.3	0	0	22763.3	0
31	24	2005	0	0	0	0	0	0	0.15	0	-0.4	0.3	0	0	22763.3	0
32	24	2005	0	0	0	0.02	0	0	0.14	0	-0.4	0.3	0	0	22763.3	0
33	24	2005	0	0	0	0.01	0	0	0.14	0	-0.4	0.3	0	0	22763.4	0
34	24	2005	0	0	0	0.12	0	0	-0.06	0	-0.3	0.3	0	0	22763.5	0
35	24	2005	0	0	0.08	0.02	0	0	-0.07	0	-0.2	0.3	0	0	22763.5	0
36	24	2005	0	0	0.5	-0.02	0	0	-0.39	0	0.1	0.3	0	0	22763.5	0
37	24	2005	0	0	1.25	0.28	0.27	0	-1.16	0	0.6	0.3	0	0	22763.8	-0.01
38	24	2005	0	0	3.74	0.43	0.41	0	-3.73	0	1.3	0.3	1.69	0	22764.2	0
39	24	2005	7.11	0.36	9.23	0.21	0	0	-2.73	0	-0.2	0.3	9.21	0	22764.4	0.01
40	24	2005	5.33	0.34	7.04	0.31	0	0	-1.98	0	-0.2	0.3	6.92	0	22764.7	0
41	24	2005	2.29	0.01	0	0.96	0	0	1.81	0	-0.4	0.3	0	0	22765.7	0
42	24	2005	0	0	0	0.38	0	0	-0.13	0	-0.5	0.3	0	0	22766.1	-0.01
43	24	2005	2.79	0.04	0	0.61	0	0	2.18	0	-0.3	0.3	0	0	22766.7	0.02
44	24	2005	0	0	0	0.23	0	0	-0.02	0	-0.5	0.3	0	0	22766.9	0
45	24	2005	3.3	0	0.62	0.99	0.11	0	1.84	0	-0.1	0.3	0.31	0	22767.9	0
46	24	2005	0.51	0	6.69	0.47	0.43	0	-6.23	0	-0.6	0.3	6.58	0	22768.4	0
47	24	2005	3.81	0	4.72	0.69	0	0	-1.64	0	-0.1	0.3	4.62	0	22769.1	-0.01
48	24	2005	1.02	0	0	0.62	0	0	0.77	0	-0.6	0.3	0	0	22769.7	-0.01
49	24	2005	0.51	0	0	0.54	0	0	0.43	0	-0.7	0.3	0	0	22770.2	-0.02
50	24	2005	0.25	0	0	0.31	0	0	0.31	0	-0.6	0.3	0	0	22770.5	-0.01
51	24	2005	0.76	0	0	0.4	0	0	0.64	0	-0.6	0.3	0	0	22770.9	-0.01
52	24	2005	3.3	0.28	0	0.38	0	0	2.7	0	-0.4	0.3	0	0	22771.3	0.01
53	24	2005	2.79	0.26	0.03	0.4	0	0	2.36	0	-0.2	0.3	0	0	22771.7	0
54	24	2005	0.25	0	0	0.48	0	0	0.19	0	-0.4	0.3	0	0	22772.2	-0.01
55	24	2005	0.51	0	0	0.24	0	0	0.47	0	-0.5	0.3	0	0	22772.4	-0.01
56	24	2005	0.25	0	0	0.18	0	0	0.24	0	-0.4	0.3	0	0	22772.6	0
57	24	2005	2.03	0	0	0.62	0	0	1.48	0	-0.4	0.3	0	0	22773.2	0
58	24	2005	0.51	0	0	0.27	0	0	0.36	0	-0.4	0.3	0	0	22773.5	-0.01
59	24	2005	0.51	0	0	0.52	0	0	0.08	0	-0.4	0.3	0	0	22774	-0.01
60	24	2005	5.84	0.19	0	0.43	0	0	5.26	0	-0.3	0.3	0	0	22774.4	0
61	24	2005	0.76	0	0	0.52	0	0	0.48	0	-0.3	0.3	0	0	22774.9	-0.01
62	24	2005	0	0	0	0.32	0	0	-0.23	0	-0.4	0.3	0	0	22775.3	0
63	24	2005	0	0	0	0.31	0	0	-0.24	0	-0.3	0.3	0	0	22775.6	0
64	24	2005	0	0	0.02	0.24	0	0	-0.2	0	-0.3	0.3	0	0	22775.8	0
65	24	2005	2.29	0	0.05	0.79	0	0	1.42	0	-0.2	0.3	0	0	22776.6	0
66	24	2005	2.54	0	8.69	0.87	0.3	0	-6.75	0	2.1	0.3	6.04	0	22777.5	-0.01
67	24	2005	2.03	0	0.16	1.37	0.11	0	0.73	0	-0.5	0.3	0.16	0	22778.8	-0.01
68	24	2005	0	0	0	0.41	0	0	-0.23	0	-0.4	0.3	0	0	22779.3	-0.01
69	24	2005	0	0	0	0.24	0	0	-0.14	0	-0.4	0.3	0	0	22779.5	0
70	24	2005	1.52	0	0	0.56	0	0	1.03	0	-0.3	0.3	0	0	22780.1	0
71	24	2005	0	0	0.48	0.02	0	0	-0.48	0	-0.1	0.3	0.34	0	22780.1	0
72	24	2005	0	0	0.11	0.2	0	0	-0.29	0	-0.3	0.3	0.09	0	22780.3	0
73	24	2005	0	0	0	0.27	0	0	-0.21	0	-0.3	0.3	0	0	22780.5	-0.01
74	24	2005	0	0	3.15	0.33	0	0	-3.43	0	-0.2	0.3	3	0	22780.9	0
75	24	2005	0	0	3.25	0.32	0	0	-3.5	0	-0.1	0.3	3	0	22781.2	0
76	24	2005	0	0	2.18	0.12	0	0	-2.21	0	0.0	0.3	1.85	0	22781.3	0.01
77	24	2005	0	0	0.48	0.11	0	0	-0.49	0	-0.1	0.3	0.23	0	22781.4	0.01
78	24	2005	0	0	0.82	0.2	0	0	-0.8	0	0.1	0.3	0.22	0	22781.6	0
79	24	2005	0.51	0	0.35	0.26	0	0	-0.07	0	-0.2	0.3	0.3	0	22781.9	0.01
80	24	2005	0	0	0.5	0.18	0	0	-0.63	0	0.2	0.3	0	0	22782.1	0.01
81	24	2005	0	0	0	1.57	0.62	0	0	0	-1.8	0.3	0	0	22783.6	0
82	24	2005	0.25	0	0.16	0.52	0	0	0	0	-0.5	0.3	0	0	22784.2	0.01
83	24	2005	3.3	0	0	1.39	0.04	0	0	0	1.7	0.3	0	0	22785.5	0
84	24	2005	0	0	0	0.48	0	0	0	0	-0.7	0.3	0	0	22786	0
85	24	2005	0	0	0	1.42	0.4	0	0	0	-1.7	0.3	0	0	22787.4	0
86	24	2005	0	0	0	1.07	0.71	0	0	0	-1.3	0.3	0	0	22788.5	-0.01
87	24	2005	11.18	0.32	0	0.64	0	0	0	0	3.6	0.3	6.4	0	22789.2	0
88	24	2005	0	0	0	1.52	0.6	0	0	0	-1.4	0.3	0	0	22790.7	-0.02
89	24	2005	0	0	0	2	1.1	0	0	0	-2.2	0.2	0	0	22792.7	-0.02
90	24	2005	1.02	0	0	2.96	1.35	0	0	0	-2.2	0.2	0	0	22795.6	-0.01
91	24	2005	0.76	0	0	2.7	1.18	0	0	0	-2.2	0.2	0	0	22798.3	-0.01
92	24	2005	36.58	0.09	0	1.05	0.03	0	0	0	13.0	0.2	22.18	0	22799.4	0.01
93	24	2005	19.3	0.13	0	1.18	0	0	0	0	14.7	0.2	3.21	0	22800.6	-0.03
94	24	2005	3.56	0	0	2.48	0.28	0	0	0	1.0	0.2	0	0	22803	-0.02
95	24	2005	0	0	0	3.01	1.61	0	0	0	-3.2	0.2	0	0	22806	-0.02
96	24	2005	0	0	0	3.03	2.12	0	0	0	-3.3	0.2	0	0	22809.1	-0.01
97	24	2005	2.79	0	0	1.58	0.24	0	0	0	1.0	0.2	0	0	22810.7	-0.02
98	24	2005	0	0	0	3.37	1.61	0	0	0	-3.6	0.2	0	0	22814	-0.02
99	24	2005	0	0	0	3.23	1.75	0	0	0	-3.5	0.2	0	0	22817.3	-0.01
100	24	2005	0	0	0	3.72	2.1	0	0	0	-3.9	0.2	0	0	22821	-0.02
101	24	2005	0	0	0	3.65	1.57	0	0	0	-3.9	0.2	0	0	22824.6	-0.02
102	24	2005	0	0	0	3.14	1.4	0	0	0	-3.4	0.2	0	0	22827.8	-0.01
103	24	2005	0	0	0	3.25	1.61	0	0	0	-3.5	0.2	0	0	22831	-0.01
104	24	2005	0	0	0	3.7	2.06	0	0	0	-3.9	0.2	0	0	22834.7	-0.02
105	24	2005	0	0	0	4.02	2.25	0	0	0	-4.2	0.2	0	0	22838.7	-0.02
106	24	2005	0	0	0	4.01	2.61	0	0	0	-4.2	0.2	0	0	22842.7	-0.01
107	24	2005	0	0	0	4.38	2.86	0	0	0	-4.6	0.2	0	0	22847.1	-0.01
108	24	2005	0	0	0	4.48	2.94	0	0	0	-4.7	0.2	0	0	22851.6	-0.01
109	24	2005	0	0	0	4.77	3.27	0	0	0	-5.0	0.2	0	0	22856.4	-0.01
110	24	2005	5.59	0	0	3.75	1.56	0	0	0	1.7	0.2	0	0	22860.1	-0.03
111	24	2005	0	0	0	4.36	2.06	0	0	0	-4.6	0.2	0	0	22864.5	-0.03
112	24	2005	14.73	0	0	4.42	1.53	0	0	0	10.1	0.2	0	0	22868.9	-0.01
113	24	2005	24.89	0	0	2.26	0.19	0	0	0	22.4	0.2	0	0	22871.2	-0.01
114	24	2005	16.26	0	0	2.51	0.15	0	0	0	13.5	0.2	0	0	22873.7	-0.02
115	24	2005	3.56	0	0	2.83	0.1	0	0	0	0.5	0.2	0	0	22876.5	-0.02
116	24	2005	0	0	0	4.29	3.42	0	0	0	-4.5	0.2	0	0	22880.8	-0.03
117	24	2005	2.54	0	0	2.92	0.88	0	0	0	-0.6	0.2	0	0	22883.7	0
118	24	2005	1.52	0	0	4.29	1.84	0	0	0	-3.0	0.2	0	0	22888	-0.02
119	24	2005	0	0	0	4.21	2.61	0	0	0	-4.4	0.2	0	0	22892.2	-0.02
120	24	2005	13.46	1.11	0	1.16	0.07	0	0	0	11.0	0.2	0	0	22893.4	0.01
121	24	2005	0.51	0	0	4.15	1.49	0	0	0	-2.8	0.2	0	0	22897.5	-0.02
122	24	2005	0	0	0	3.24	2.04	0	0	0	-3.5	0.2	0	0	22900.7	-0.02
123	24	2005	0.25	0	0	3.58	2.05	0	0	0	-3.5	0.2	0	0	22904.3	-0.02
124	24	2005	0.25	0	0	2.42	1.55	0	0	0	-2.4	0.3	0	0	22906.7	-0.01
125	24	2005	0	0	0	3.65	2.66	0	0	0	-3.9	0.3	0	0	22910.4	-0.01
126	24	2005	0	0	0	3.86	2.97	0	0	0	-4.1	0.3	0	0	22914.3	-0.01
127	24	2005	0	0	0	5.37	3.84	0	0	0	-5.6	0.3	0	0	22919.6	-0.03
128	24	2005	0	0	0	5.82	4.17	0	0	0	-6.1	0.3	0	0	22925.5	-0.01
129	24	2005	0	0	0	4.9	3.8	0	0	0	-5.1	0.3	0	0	22930.4	-0.03
130	24	2005	0	0	0	5.94	4.85	0	0	0	-6.2	0.3	0	0	22936.3	-0.02
131	24	2005	0	0	0	5.97	4.67	0	0	0	-6.2	0.3	0	0	22942.3	-0.01
132	24	2005	0	0	0	5.58	3.15	0	0	0	-5.8	0.3	0	0	22947.8	-0.03
133	24	2005	0	0	0	4.65	3.33	0	0	0	-4.9	0.3	0	0	22952.5	-0.02
134	24	2005	3.3	0	0	3.3	0.8	0	0	0	-0.3	0.3	0	0	22955.8	0.01
135	24	2005	1.27	0	0	4.46	2.62	0	0	0	-3.5	0.3	0	0	22960.3	-0.02
136	24	2005	0.25	0	0	2.52	1.54	0	0	0	-2.5	0.3	0	0	22962.8	-0.04
137	24	2005	0	0	0	4.64	3.25	0	0	0	-4.9	0.3	0	0	22967.4	-0.03
138	24	2005	0	0	0	4.69	3.52	0	0	0	-5.0	0.3	0	0	22972.1	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
139	24	2005	0	0	0	4.28	3.48	0	0	0	-4.6	0.3	0	0	22976.4	-0.01
140	24	2005	0	0	0	4.47	3.55	0	0	0	-4.7	0.3	0	0	22980.8	-0.02
141	24	2005	0.76	0	0	4.21	2.8	0	0	0	-3.7	0.3	0	0	22985.1	-0.02
142	24	2005	0	0	0	2.08	1.43	0	0	0	-2.4	0.3	0	0	22987.1	-0.02
143	24	2005	0.25	0	0	2.76	2.1	0	0	0	-2.8	0.3	0	0	22989.9	-0.02
144	24	2005	4.06	0.14	0	3.29	0.26	0	0	0	0.3	0.3	0	0	22993.2	-0.01
145	24	2005	0.25	0	0	4.01	2.91	0	0	0	-3.9	0.3	0	0	22997.2	-0.02
146	24	2005	0	0	0	4.35	3.08	0	0	0	-4.6	0.3	0	0	23001.6	-0.03
147	24	2005	0	0	0	3.76	2.85	0	0	0	-4.1	0.3	0	0	23005.3	-0.01
148	24	2005	3.81	0	0	4.88	1.36	0	0	0	-1.4	0.3	0	0	23010.2	-0.03
149	24	2005	0	0	0	3.97	2.66	0	0	0	-4.3	0.3	0	0	23014.2	-0.03
150	24	2005	0	0	0	3.63	2.42	0	0	0	-3.9	0.3	0	0	23017.8	-0.03
151	24	2005	0	0	0	2.71	1.98	0	0	0	-3.0	0.3	0	0	23020.5	-0.02
152	24	2005	0	0	0	2.83	2.06	0	0	0	-3.1	0.3	0	0	23023.3	-0.02
153	24	2005	0	0	0	1.89	1.7	0	0	0	-2.2	0.3	0	0	23025.2	-0.01
154	24	2005	0	0	0	1.29	1.3	0	0	0	-1.6	0.3	0	0	23026.5	-0.03
155	24	2005	0	0	0	1.2	1.18	0	0	0	-1.5	0.3	0	0	23027.7	-0.01
156	24	2005	0	0	0	1.25	1.19	0	0	0	-1.6	0.3	0	0	23029	-0.02
157	24	2005	2.29	0	0	2.52	0.8	0	0	0	-0.6	0.3	0	0	23031.5	0
158	24	2005	0	0	0	1.55	1.08	0	0	0	-1.8	0.3	0	0	23033	-0.03
159	24	2005	0	0	0	1.27	1.1	0	0	0	-1.6	0.3	0	0	23034.3	-0.02
160	24	2005	0	0	0	0.82	0.95	0	0	0	-1.1	0.3	0	0	23035.1	-0.01
161	24	2005	7.62	0	0	3.34	0.41	0	0	0	4.0	0.3	0	0	23038.5	-0.01
162	24	2005	1.27	0	0	3.01	0.81	0	0	0	-2.0	0.3	0	0	23041.5	-0.02
163	24	2005	0	0	0	1.54	0.82	0	0	0	-1.8	0.3	0	0	23043	-0.01
164	24	2005	9.91	0	0	4.96	1.57	0	0	0	4.6	0.3	0	0	23048	-0.01
165	24	2005	4.06	0	0	5.06	1.56	0	0	0	-1.3	0.3	0	0	23053	-0.01
166	24	2005	0.25	0	0	2.54	1.3	0	0	0	-2.6	0.3	0	0	23055.6	-0.03
167	24	2005	8.38	0	0	3.22	0.16	0	0	0	4.9	0.3	0	0	23058.8	-0.02
168	24	2005	9.14	0	0	3.79	0.62	0	0	0	5.1	0.3	0	0	23062.6	-0.02
169	24	2005	0.25	0	0	3.21	2.05	0	0	0	-3.2	0.3	0	0	23065.8	-0.03
170	24	2005	0	0	0	2.75	2.14	0	0	0	-3.0	0.3	0	0	23068.6	-0.02
171	24	2005	0	0	0	4.57	2.83	0	0	0	-4.9	0.3	0	0	23073.1	-0.02
172	24	2005	0	0	0	4.18	2.27	0	0	0	-4.5	0.3	0	0	23077.3	-0.02
173	24	2005	1.27	0	0	3.77	1.29	0	0	0	-2.8	0.3	0	0	23081.1	-0.02
174	24	2005	0	0	0	3.21	1.55	0	0	0	-3.5	0.3	0	0	23084.3	-0.03
175	24	2005	0	0	0	2.06	1.59	0	0	0	-2.4	0.3	0	0	23086.3	-0.01
176	24	2005	0	0	0	1.33	1.42	0	0	0	-1.6	0.3	0	0	23087.7	0
177	24	2005	0	0	0	1.26	1.14	0	0	0	-1.5	0.3	0	0	23088.9	-0.03
178	24	2005	0	0	0	0.89	0.91	0	0	0	-1.2	0.3	0	0	23089.8	-0.01
179	24	2005	0	0	0	0.66	0.79	0	0	0	-1.0	0.3	0	0	23090.5	-0.01
180	24	2005	5.08	0	0	2.67	0.2	0	0	0	2.1	0.3	0	0	23093.2	-0.02
181	24	2005	0	0	0	2.67	0.76	0	0	0	-2.9	0.3	0	0	23095.8	-0.03
182	24	2005	1.27	0	0	2.33	0.59	0	0	0	-1.3	0.3	0	0	23098.2	-0.02
183	24	2005	0	0	0	1.02	0.66	0	0	0	-1.3	0.3	0	0	23099.2	-0.02
184	24	2005	0	0	0	0.86	0.71	0	0	0	-1.1	0.3	0	0	23100	-0.02
185	24	2005	0	0	0	0.66	0.73	0	0	0	-1.0	0.3	0	0	23100.7	0
186	24	2005	3.3	0	0	2.8	0.4	0	0	0	0.2	0.3	0	0	23103.5	-0.01
187	24	2005	0.25	0	0	1.34	0.47	0	0	0	-1.3	0.3	0	0	23104.8	-0.02
188	24	2005	0	0	0	0.58	0.5	0	0	0	-0.9	0.3	0	0	23105.4	-0.02
189	24	2005	2.79	0	0	1.68	0.11	0	0	0	0.8	0.3	0	0	23107.1	-0.01
190	24	2005	7.11	0	0	2.89	0.46	0	0	0	4.0	0.3	0	0	23110	-0.01
191	24	2005	0	0	0	4.36	0.91	0	0	0	-4.6	0.3	0	0	23114.4	-0.04
192	24	2005	0	0	0	3.03	0.79	0	0	0	-3.3	0.3	0	0	23117.4	0
193	24	2005	0	0	0	0.75	0.79	0	0	0	-1.0	0.3	0	0	23118.1	0
194	24	2005	23.37	0	0	3.83	1.29	0	0	0	19.3	0.3	0	0	23122	-0.01
195	24	2005	60.45	0	0	4.11	1.43	0	0	0	56.1	0.3	0	0	23126.1	-0.04
196	24	2005	1.78	0	0	5.17	1.8	0	0	0	-3.6	0.3	0	0	23131.2	-0.02
197	24	2005	0	0	0	4.12	1.91	0	0	0	-4.3	0.3	0	0	23135.4	-0.05
198	24	2005	3.56	0	0	3.94	1.16	0	0	0	-0.6	0.3	0	0	23139.3	0
199	24	2005	3.05	0	0	5.41	1.49	0	0	0	-2.6	0.3	0	0	23144.7	-0.06
200	24	2005	0	0	0	6.47	2.01	0	0	0	-6.7	0.3	0	0	23151.2	-0.06
201	24	2005	0	0	0	6.38	1.59	0	0	0	-6.6	0.3	0	0	23157.5	-0.05
202	24	2005	0	0	0	4.86	1.39	0	0	0	-5.1	0.3	0	0	23162.4	-0.03
203	24	2005	0	0	0	3.16	0.94	0	0	0	-3.4	0.3	0	0	23165.6	-0.01
204	24	2005	0	0	0	6.22	1.12	0	0	0	-6.4	0.3	0	0	23171.8	-0.04
205	24	2005	0	0	0	5.07	1.01	0	0	0	-5.3	0.3	0	0	23176.9	-0.01
206	24	2005	0	0	0	2.89	1.8	0	0	0	-3.2	0.3	0	0	23179.7	0.01
207	24	2005	3.56	0	0	3.69	0.56	0	0	0	-0.4	0.3	0	0	23183.4	0
208	24	2005	6.6	0	0	1.71	0.09	0	0	0	4.7	0.3	0	0	23185.2	-0.01
209	24	2005	0	0	0	5.31	0.09	0	0	0	-5.6	0.3	0	0	23190.5	0.01
210	24	2005	0	0	0	2.27	0	0	0	0	-2.5	0.3	0	0	23192.7	0
211	24	2005	0	0	0	0.25	0.02	0	0	0	-0.5	0.2	0	0	23193	0
212	24	2005	0	0	0	0.29	0.04	0	0	0	-0.5	0.2	0	0	23193.3	0
213	24	2005	0	0	0	0.13	0.05	0	0	0	-0.4	0.2	0	0	23193.4	0
214	24	2005	0	0	0	0.21	0.06	0	0	0	-0.5	0.2	0	0	23193.6	0
215	24	2005	0	0	0	0.33	0.1	0	0	0	-0.6	0.2	0	0	23193.9	-0.01
216	24	2005	0	0	0	0.41	0.12	0	0	0	-0.7	0.2	0	0	23194.4	0.01
217	24	2005	1.78	0	0	2.02	0.08	0	0	0	-0.5	0.2	0	0	23196.4	0.01
218	24	2005	0	0	0	0.58	0.13	0	0	0	-0.8	0.2	0	0	23197	0.02
219	24	2005	0	0	0	0.42	0.17	0	0	0	-0.7	0.2	0	0	23197.4	0.01
220	24	2005	0	0	0	0.32	0.13	0	0	0	-0.6	0.2	0	0	23197.7	0.01
221	24	2005	0	0	0	0.41	0.19	0	0	0	-0.6	0.2	0	0	23198.1	0.01
222	24	2005	0	0	0	0.61	0.24	0	0	0	-0.9	0.2	0	0	23198.7	0.02
223	24	2005	0	0	0	0.11	0.19	0	0	0	-0.3	0.2	0	0	23198.8	0.01
224	24	2005	4.06	0	0	2	0.03	0	0	0	1.8	0.2	0	0	23200.8	0.01
225	24	2005	14.99	0	0	4.12	0.04	0	0	0	10.6	0.2	0	0	23204.9	0
226	24	2005	0	0	0	2.36	0.02	0	0	0	-2.6	0.2	0	0	23207.3	0.01
227	24	2005	0	0	0	4.79	0.06	0	0	0	-5.0	0.2	0	0	23212.1	0.01
228	24	2005	0	0	0	4.29	0.07	0	0	0	-4.5	0.2	0	0	23216.4	0
229	24	2005	0	0	0	3.89	0.12	0	0	0	-4.1	0.2	0	0	23220.3	0.02
230	24	2005	0	0	0	0.6	0.21	0	0	0	-0.8	0.2	0	0	23220.9	0.02
231	24	2005	0	0	0	0.29	0.18	0	0	0	-0.5	0.2	0	0	23221.2	0.02
232	24	2005	9.14	0	0	4.18	0.09	0	0	0	4.7	0.2	0	0	23225.3	0.02
233	24	2005	22.1	0	0	5.03	0.07	0	0	0	16.8	0.2	0	0	23230.4	0.01
234	24	2005	0	0	0	4.4	0.06	0	0	0	-4.6	0.2	0	0	23234.8	0.01
235	24	2005	0	0	0	4.59	0.07	0	0	0	-4.8	0.2	0	0	23239.4	0.01
236	24	2005	0	0	0	4.33	0.08	0	0	0	-4.5	0.2	0	0	23243.7	0.01
237	24	2005	0	0	0	4.02	0.09	0	0	0	-4.2	0.2	0	0	23247.7	0.01
238	24	2005	0	0	0	4.25	0.16	0	0	0	-4.5	0.2	0	0	23252	0.02
239	24	2005	0	0	0	0.58	0.26	0	0	0	-0.8	0.2	0	0	23252.5	0
240	24	2005	5.33	0	0	3.46	0.13	0	0	0	1.7	0.2	0	0	23256	0
241	24	2005	2.03	0	0	2.59	0.09	0	0	0	-0.8	0.2	0	0	23258.6	0.02
242	24	2005	12.19	0	0	2.3	0.05	0	0	0	9.7	0.2	0	0	23260.9	0.02
243	24	2005	79.76	0	0	1.79	0.02	0	0	0	77.8	0.2	0	0	23262.7	0.01
244	24	2005	0	0	0	4.88	0.1	0	0	0	-5.1	0.2	0	0	23267.6	0.03
245	24	2005	0	0	0	6.37	0.17	0	0	0	-6.6	0.2	0	0	23273.9	0.01
246	24	2005	0	0	0	4.53	0.1	0	0	0	-4.7	0.2	0	0	23278.5	0
247	24	2005	0	0	0	3.39	0.09	0	0	0	-3.6	0.2	0	0	23281.8	0
248	24	2005	0	0	0	4.06	0.12	0	0	0	-4.3	0.2	0	0	23285.9	0.01
249	24	2005	0	0	0	3.93	0.14	0	0	0	-4.1	0.2	0	0	23289.8	0
250	24	2005	0	0	0	4	0.16	0	0	0	-4.2	0.2	0	0	23293.8	0
251	24	2005	0	0	0	2.52	0.1	0	0	0	-2.7	0.2	0	0	23296.4	0.02
252	24	2005	0	0	0	3.5	0.13	0	0	0	-3.7	0.2	0	0	23299.9	0
253	24	2005	0	0	0	4.06	0.13	0	0	0	-4.3	0.2	0	0	23303.9	0
254	24	2005	0	0	0	3.57	0.15	0	0	0	-3.8	0.2	0	0	23307.5	0
255	24	2005	0	0	0	3.74	0.21	0	0	0	-3.9	0.2	0	0	23311.2	-0.01
256	24	2005	0	0	0	3.86	0.23	0	0	0	-4.0	0.2	0	0	23315.1	-0.01
257	24	2005	0	0	0	4.36	0.25	0	0	0	-4.5	0.2	0	0	23319.4	0
258	24	2005	0	0	0	1.93	0.12	0	0	0	-2.1	0.2	0	0	23321.4	0
259	24	2005	5.08	0	0	1.17	0.03	0	0	0	3.7	0.2	0	0	23322.6	0
260	24	2005	3.05	0	0	1.4	0.03	0	0	0	1.5	0.2	0	0	23324	0
261	24	2005	0	0	0	3.05	0.15	0	0	0	-3.2	0.2	0	0	23327	-0.01
262	24	2005	0	0	0	3.25	0.18	0	0	0	-3.4	0.2	0	0	23330.2	0
263	24	2005	2.29	0	0	4.12	0.14	0	0	0	-2.0	0.2	0	0	23334.4	0
264	24	2005	0	0	0	4.38	0.25	0	0	0	-4.6	0.2	0	0	23338.7	0
265	24	2005	0	0	0	3.55	0.25	0	0	0	-3.7	0.2	0	0	23342.3	0
266	24	2005	2.54	0	0	3.2	0.15	0	0	0	-0.8	0.2	0	0	23345.5	0
267	24	2005	0	0	0	3.27	0.22	0	0	0	-3.4	0.2	0	0	23348.8	-0.01
268	24	2005	0.25	0	0	1.15	0.2	0	0	0	-1.1	0.2	0	0	23349.9	0.01
269	24	2005	17.02	0	0	0.69	0.05	0	0	0	16.1	0.2	0	0	23350.6	0.01
270	24	2005	0.51	0	0	4.17	0.16	0	0	0	-3.8	0.2	0	0	23354.8	-0.01
271	24	2005	0	0	0	3.53	0.21	0	0	0	-3.7	0.2	0	0	23358.3	-0.01
272	24	2005	0	0	0	2.19	0.18	0	0	0	-2.4	0.2	0	0	23360.5	-0.01
273	24	2005	0	0	0	2.46	0.16	0	0	0	-2.6	0.2	0	0	23363	0
274	24	2005	0	0	0	2.46	0.19	0	0	0	-2.6	0.2	0	0	23365.4	0
275	24	2005	0	0	0	2.46	0.24	0	0	0	-2.6	0.2	0	0	23367.9	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
276	24	2005	0	0	0	2.52	0.26	0	0	0	-2.7	0.2	0	0	23370.4	0
277	24	2005	0	0	0	2.74	0.29	0	0	0	-2.9	0.2	0	0	23373.1	-0.01
278	24	2005	0	0	0	2.05	0.33	0	0	0	-2.2	0.2	0	0	23375.2	0
279	24	2005	0	0	0	0.72	0.46	0	0	0	-0.9	0.2	0	0	23375.9	0
280	24	2005	34.8	0	0	0.53	0.06	0	0	0	34.1	0.2	0	0	23376.4	0
281	24	2005	7.62	0	0	1.87	0.03	0	0	0	5.6	0.2	0	0	23378.3	-0.01
282	24	2005	4.06	0	0	1.44	0.02	0	0	0	2.5	0.2	0	0	23379.8	-0.01
283	24	2005	0.25	0	0	0.77	0.07	0	0	0	-0.7	0.2	0	0	23380.5	0
284	24	2005	0.76	0	0	0.95	0.06	0	0	0	-0.3	0.2	0	0	23381.5	-0.01
285	24	2005	7.87	0	0	1.3	0.02	0	0	0	6.4	0.2	0	0	23382.8	-0.02
286	24	2005	27.43	0.02	0	0.84	0	0	0	0	26.4	0.2	0	0	23383.6	-0.01
287	24	2005	8.89	0.04	0	0.51	0	0	0	0	8.2	0.2	0	0	23384.1	0.02
288	24	2005	1.78	0	0	1.89	0.07	0	0	0	-0.2	0.2	0	0	23386	-0.01
289	24	2005	0.25	0	0	2.58	0.07	0	0	0	-2.5	0.2	0	0	23388.6	-0.01
290	24	2005	0	0	0	1.69	0.08	0	0	0	-1.8	0.2	0	0	23390.3	-0.02
291	24	2005	2.29	0	0	1.99	0.08	0	0	0	0.2	0.2	0	0	23392.3	-0.01
292	24	2005	0.25	0	0	2.43	0.17	0	0	0	-2.3	0.2	0	0	23394.7	-0.01
293	24	2005	0	0	0	1.75	0.11	0	0	0	-1.9	0.2	0	0	23396.4	-0.02
294	24	2005	0.51	0	0	1.64	0.14	0	0	0	-1.3	0.2	0	0	23398.1	0
295	24	2005	22.35	0	0	0.94	0	0	0	0	21.3	0.2	0	0	23399	0
296	24	2005	8.13	0.02	0	0.77	0	0	0	0	7.2	0.2	0	0	23399.8	0
297	24	2005	2.03	0	0	0.93	0.01	0	0	0	1.0	0.2	0	0	23400.7	-0.01
298	24	2005	28.7	0.09	0	0.66	0	0	0	0	27.8	0.2	0	0	23401.4	0
299	24	2005	4.32	0	0	1.33	0.02	0	0	0	2.9	0.2	0	0	23402.7	-0.02
300	24	2005	0	0	0	0.82	0.05	0	0	0	-1.0	0.2	0	0	23403.5	0
301	24	2005	0	0	0	0.77	0.08	0	0	0	-0.9	0.2	0	0	23404.3	0
302	24	2005	0	0	0	1.32	0.13	0	0	0	-1.5	0.2	0	0	23405.6	-0.01
303	24	2005	0	0	0	1.73	0.22	0	0	0	-1.9	0.2	0	0	23407.3	-0.01
304	24	2005	0	0	0	1.19	0.22	0	0	0	-1.3	0.2	0	0	23408.5	-0.02
305	24	2005	5.08	0	0	1.97	0.19	0	0	0	3.0	0.2	0	0	23410.5	-0.01
306	24	2005	0.25	0	0	1.87	0.14	0	0	0	-1.8	0.2	0	0	23412.4	-0.01
307	24	2005	0	0	0	2.32	0.28	0	0	0	-2.5	0.2	0	0	23414.7	-0.01
308	24	2005	0	0	0	0.96	0.22	0	0	0	-1.1	0.2	0	0	23415.7	-0.01
309	24	2005	0	0	0	0.57	0.17	0	0	0	-0.7	0.2	0	0	23416.2	-0.01
310	24	2005	5.84	0	0	2.48	0.23	0	0	0	3.2	0.2	0	0	23418.7	-0.02
311	24	2005	0	0	0	3.4	0.23	0	0	0	-3.5	0.2	0	0	23422.1	-0.01
312	24	2005	0	0	0	1.38	0.15	0	0	0	-1.5	0.2	0	0	23423.5	-0.01
313	24	2005	25.65	0	0	1.28	0.06	0	0	0	24.2	0.2	0	0	23424.8	-0.02
314	24	2005	0.51	0	0	3.11	0.14	0	0	0	-2.7	0.2	0	0	23427.9	-0.01
315	24	2005	0	0	0	1.45	0.09	0	0	0	-1.6	0.2	0	0	23429.3	-0.01
316	24	2005	0	0	0	0.63	0.27	0	0	0	-0.8	0.2	0	0	23430	0
317	24	2005	0	0	0	1.04	0.3	0	0	0	-1.2	0.2	0	0	23431	-0.02
318	24	2005	0	0	0	1.84	0.26	0	0	0	-2.0	0.2	0	0	23432.8	-0.02
319	24	2005	28.96	0	0	1.13	0.09	0	0	0	27.7	0.2	0	0	23434	-0.02
320	24	2005	10.92	0	0	1.36	0.13	0	0	0	9.4	0.2	0	0	23435.3	-0.01
321	24	2005	0.25	0	0	2.47	0	0	0	0	-2.4	0.2	0	0	23437.8	-0.02
322	24	2005	1.02	0	0	0.51	0	0	1.18	0	-0.8	0.2	0	0	23438.3	0
323	24	2005	0	0	1.04	0.35	0.08	0	-1.18	0	0.7	0.2	0	0	23438.7	0
324	24	2005	0	0	0	1.42	0.27	0	0	0	-1.6	0.2	0	0	23440.1	-0.01
325	24	2005	0	0	0	1	0.2	0	0	0	-1.2	0.2	0	0	23441.1	0
326	24	2005	0.25	0	0	0.96	0.05	0	0	0	-0.9	0.2	0	0	23442	-0.01
327	24	2005	0.51	0	0.44	2.08	0	0	0	0	-2.2	0.2	0	0.44	23444.1	-0.02
328	24	2005	0.76	0	0	0.71	0	0	0.88	0	-0.5	0.2	0	0	23444.8	-0.01
329	24	2005	0	0	0	0.46	0	0	0.19	0	-0.8	0.2	0	0	23445.3	0
330	24	2005	0.51	0	0	0.31	0	0	0.42	0	-0.4	0.2	0	0	23445.6	0
331	24	2005	0	0	0.14	0.17	0	0	-0.2	0	-0.3	0.2	0.14	0	23445.7	0
332	24	2005	0.76	0	0.8	-0.6	0.15	0	-1.29	0	0.5	0.2	2.01	0	23445.1	0.01
333	24	2005	35.81	0	0	1.21	0.16	0	0	0	34.4	0.2	0	0	23446.4	0
334	24	2005	0.76	0	0	1.04	0.08	0	0	0	-0.4	0.2	0	0	23447.4	-0.03
335	24	2005	0	0	0	0.69	0	0	0	0	-0.9	0.2	0	0	23448.1	-0.01
336	24	2005	2.54	0	0	0.88	0	0	2.26	0	-0.8	0.2	0	0	23449	-0.01
337	24	2005	2.03	0	0	0.52	0	0	1.95	0	-0.6	0.2	0	0	23449.5	-0.01
338	24	2005	1.78	0	0	0.39	0	0	1.61	0	-0.4	0.2	0	0	23449.9	0
339	24	2005	0	0	0	0.14	0	0	0.17	0	-0.5	0.2	0	0	23450	0
340	24	2005	1.02	0	0	0.25	0	0	1.14	0	-0.6	0.2	0	0	23450.3	-0.01
341	24	2005	0.51	0	0	0.36	0	0	0.51	0	-0.6	0.2	0	0	23450.6	-0.01
342	24	2005	0	0	0	0.04	0	0	0.42	0	-0.7	0.2	0	0	23450.7	0
343	24	2005	5.33	0	0	0.33	0	0	5.14	0	-0.4	0.2	0	0	23451	0.01
344	24	2005	0	0	0	0.22	0	0	-0.13	0	-0.3	0.2	0	0	23451.2	0
345	24	2005	0	0	0	0.18	0	0	-0.08	0	-0.3	0.2	0	0	23451.4	0
346	24	2005	0.25	0	0	0.23	0	0	0.24	0	-0.5	0.2	0	0	23451.6	-0.01
347	24	2005	0	0	0	0.04	0	0	0.32	0	-0.6	0.3	0	0	23451.7	0
348	24	2005	0	0	0	0.07	0	0	0.23	0	-0.6	0.3	0	0	23451.7	0
349	24	2005	9.91	0	0	0.17	0	0	9.87	0	-0.4	0.3	0	0	23451.9	0
350	24	2005	16.76	0	0	-0.02	0	0	16.81	0	-0.3	0.3	0	0	23451.9	0
351	24	2005	0	0	0	0.09	0	0	-0.06	0	-0.3	0.3	0	0	23452	0
352	24	2005	0	0	0	0.01	0	0	0.04	0	-0.3	0.3	0	0	23452	0
353	24	2005	0.25	0	0	0.34	0	0	-0.03	0	-0.4	0.3	0	0	23452.3	0
354	24	2005	0.51	0	0	0.27	0	0	0.3	0	-0.4	0.3	0	0	23452.6	0
355	24	2005	0.25	0	0	0.01	0	0	0.32	0	-0.4	0.3	0	0	23452.6	0
356	24	2005	0.25	0	0	0.17	0	0	0.13	0	-0.4	0.3	0	0	23452.8	0
357	24	2005	1.52	0	0.57	0.02	0	0	0.92	0	-0.3	0.3	0.57	0	23452.8	0
358	24	2005	0	0	2.32	-0.04	0.01	0	-2.3	0	-0.3	0.4	2.32	0	23452.7	0
359	24	2005	14.22	0	17.98	0.04	0	0	-3.81	0	0.7	0.4	16.9	0	23452.8	0
360	24	2005	0.76	0	2.51	0	0	0	-1.76	0	2.2	0.4	0	0	23452.8	0
361	24	2005	0	0	0.22	0.11	0	0	-0.33	0	-0.2	0.4	0	0	23452.9	0
362	24	2005	0	0	0.99	0.04	0	0	-1	0	0.6	0.4	0	0	23452.9	0
363	24	2005	3.05	0.04	5.31	-0.01	0	0	-2.27	0	4.9	0.4	0	0	23452.9	0
364	24	2005	0.25	0	0.1	0.18	0	0	0.06	0	-0.3	0.4	0	0	23453.1	0
365	24	2005	2.03	0	0	0.19	0	0	1.92	0	-0.5	0.4	0	0	23453.3	0
1	24	2006	0.25	0	0	0.02	0	0	0.27	0	-0.4	0.4	0	0	23453.3	0
2	24	2006	4.32	0.01	5.62	0.04	0	0	-1.33	0	5.2	0.4	0	0	23453.3	0
3	24	2006	3.56	0	5.09	0	0	0	-1.49	0	4.6	0.4	0	0	23453.4	0
4	24	2006	3.05	0	4.6	0.19	0	0	-1.72	0	4.2	0.4	0	0	23453.5	0
5	24	2006	3.56	0	7.46	0.1	0	0	-4.01	0	7.0	0.4	0	0	23453.6	0
6	24	2006	0	0	0.5	0.14	0	0	-0.52	0	-0.1	0.4	0	0	23453.8	0
7	24	2006	0.51	0	0.1	0.18	0	0	0.38	0	-0.5	0.4	0	0	23454	0
8	24	2006	0	0	1.12	0.06	0	0	-1.1	0	-0.5	0.5	1.11	0	23454	0
9	24	2006	0	0	7.47	0.14	0.12	0	-7.51	0	-0.6	0.5	7.44	0	23454.2	0
10	24	2006	0	0	5.44	0.09	0	0	-5.44	0	-0.4	0.5	5.23	0	23454.3	0
11	24	2006	4.57	0	12.13	0.22	0.08	0	-7.67	0	0.8	0.5	10.75	0	23454.5	0
12	24	2006	0	0	1.91	0.15	0.28	0	-2.45	0	1.9	0.5	0	0	23454.6	-0.01
13	24	2006	0	0	0	0.4	0.34	0	0	0	-0.8	0.5	0	0	23455	-0.02
14	24	2006	12.95	0	0	1.25	0.09	0	0	0	11.3	0.5	0	0	23456.3	-0.04
15	24	2006	0.25	0	0.21	2.21	0	0	0	0	-2.6	0.5	0	0.21	23458.5	-0.03
16	24	2006	0	0	0	0.73	0	0	0	0	-1.2	0.5	0	0.21	23459.2	-0.01
17	24	2006	1.78	0	0	0.6	0	0	1.61	0	-0.7	0.5	0	0	23459.8	0
18	24	2006	10.67	0	11.16	0.53	0.05	0	-1.61	0	1.9	0.5	9.31	0	23460.3	0
19	24	2006	0	0	0	0.64	0	0	0	0	-1.1	0.5	0	0	23461	0
20	24	2006	0	0	0	0.49	0.31	0	0	0	-1.0	0.5	0	0	23461.5	0
21	24	2006	0.76	0	0	1.41	0.25	0	0	0	-1.1	0.5	0	0	23462.9	-0.02
22	24	2006	0	0	0	0.82	0	0	0	0	-1.3	0.5	0	0	23463.7	0
23	24	2006	4.57	0.01	0.72	0.58	0	0	3.51	0	-0.1	0.5	0	0	23464.3	0
24	24	2006	1.02	0	1.17	0.36	0	0	-0.28	0	0.4	0.5	0	0	23464.7	0
25	24	2006	4.06	0	1.31	0.42	0	0	2.48	0	-0.5	0.5	1.18	0	23465.1	-0.01
26	24	2006	0.25	0	0	0.35	0	0	0.21	0	-0.8	0.5	0	0	23465.4	-0.01
27	24	2006	0	0	0.16	0.13	0	0	-0.08	0	-0.8	0.5	0.16	0	23465.6	0
28	24	2006	0	0	1.86	0.25	0.26	0	-1.7	0	-1.0	0.6	1.86	0	23465.8	-0.01
29	24	2006	14.48	0	16.87	0.35	0	0	-2.8	0	-0.5	0.6	16.87	0	23466.2	0
30	24	2006	0	0	0.8	0.08	0.25	0	-1.35	0	-0.6	0.6	1.26	0	23466.2	0.01
31	24	2006	4.57	0.06	0	0.28	0	0	0	0	3.7	0.6	0	0	23466.5	-0.01
32	24	2006	1.27	0	0.21	0.48	0	0	0.85	0	-0.6	0.6	0	0	23467	-0.01
33	24	2006	2.03	0	2.27	0.8	0.18	0	-0.85	0	1.5	0.6	0	0	23467.8	-0.01
34	24	2006	13.72	0	0	0.53	0.04	0	0	0	12.6	0.6	0	0	23468.3	0
35	24	2006	2.03	0	0	1.03	0.07	0	0	0	0.5	0.6	0	0	23469.4	-0.03
36	24	2006	5.33	0	0	1.96	0.15	0	0	0	2.8	0.6	0	0	23471.3	-0.02
37	24	2006	0.25	0	0.2	2.55	0	0	0	0	-3.1	0.6	0	0.2	23473.9	-0.02
38	24	2006	3.56	0.02	0	0.88	0	0	3.38	0	-1.1	0.6	0	0	23474.8	-0.01
39	24	2006	0	0	0	0.12	0	0	0.19	0	-0.9	0.6	0	0	23474.9	0
40	24	2006	0.25	0	0	0.2	0	0	0.35	0	-0.9	0.6	0	0	23475.1	-0.01
41	24	2006	0.25	0	0	0.2	0	0	0.35	0	-0.9	0.6	0	0	23475.3	0
42	24	2006	0.25	0	0	0.15	0	0	0.34	0	-0.9	0.6	0	0	23475.4	0
43	24	2006	0	0	0	0.25	0	0	0.02	0	-0.9	0.6	0	0	23475.7	0
44	24	2006	0.25	0	0	0.39	0	0	0.07	0	-0.8	0.6	0	0	23476.1	0
45	24	2006	0	0	1.02	0.33	0	0	-1.29	0	-0.7	0.6	1.02	0	23476.4	0
46	24	2006	0	0	2.54	0.55	0.49	0	-3.42	0	-0.9	0.6	3.09	0	23476.9	0
47	24	2006	0	0	0	0.28	0.31	0	0	0	-0.9	0.6	0	0	23477.2	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
48	24	2006	1.27	0	0	3.65	0.47	0	0	0	-3.0	0.6	0	0	23480.9	-0.02
49	24	2006	1.02	0	0	1.7	0	0	0.73	0	-2.0	0.7	0	0	23482.6	-0.02
50	24	2006	1.52	0	0	0.63	0	0	1.37	0	-1.1	0.7	0	0	23483.2	0
51	24	2006	0	0	0	0.28	0	0	0.06	0	-1.0	0.7	0	0	23483.5	0
52	24	2006	0	0	0	0.24	0	0	0.05	0	-1.0	0.7	0	0	23483.7	-0.01
53	24	2006	0	0	1.27	0.35	0.23	0	-1.11	0	0.1	0.7	0	0	23484.1	0
54	24	2006	2.54	0	3.03	0.58	0	0	-1.11	0	2.4	0.7	0	0	23484.6	0
55	24	2006	0.25	0	0.2	2.16	0	0	0	0	-2.7	0.7	0	0.2	23486.8	-0.03
56	24	2006	1.27	0	0	0.78	0	0	1.01	0	-1.0	0.7	0	0	23487.6	-0.02
57	24	2006	0.76	0	0	0.43	0	0	0.85	0	-1.2	0.7	0	0	23488	-0.01
58	24	2006	0.25	0	0	0.22	0	0	0.39	0	-1.0	0.7	0	0	23488.2	0
59	24	2006	2.03	0	0	0.52	0	0	1.74	0	-0.9	0.7	0	0	23488.8	0
60	24	2006	3.05	0	0	0.47	0	0	2.73	0	-0.8	0.7	0	0	23489.2	0
61	24	2006	0	0	0	0.15	0	0	-0.05	0	-0.8	0.7	0	0	23489.4	0
62	24	2006	0.25	0	0	0.47	0	0	-0.05	0	-0.9	0.7	0	0	23489.8	0
63	24	2006	0.51	0	0	0.48	0	0	0.13	0	-0.8	0.7	0	0	23490.3	0
64	24	2006	0	0	0	0.34	0	0	-0.21	0	-0.8	0.7	0	0	23490.7	0
65	24	2006	0	0	0.16	0.23	0	0	-0.25	0	-0.7	0.7	0	0	23490.9	0
66	24	2006	0	0	0	0.21	0	0	-0.04	0	-0.8	0.7	0	0	23491.1	0
67	24	2006	0	0	1.26	0.19	0	0	-1.31	0	0.5	0.7	0	0	23491.3	0
68	24	2006	12.95	0	16.78	0.4	0	0	-4.35	0	3.6	0.7	12.64	0	23491.7	0
69	24	2006	0	0	0.2	0.58	0.53	0	-0.58	0	-1.0	0.7	0.4	0	23492.3	-0.03
70	24	2006	0	0	0	1.74	0.58	0	0	0	-2.4	0.7	0	0	23494	-0.03
71	24	2006	0.51	0	0	0.28	0.23	0	0	0	-0.4	0.7	0	0	23494.3	-0.01
72	24	2006	22.86	0.09	0	0.25	0.02	0	0	0	5.5	0.7	16.31	0	23494.5	0.01
73	24	2006	0.25	0	0	3.59	0.74	0	0	0	-3.9	0.7	0	0	23498.1	-0.02
74	24	2006	0.25	0	0.19	2.44	0	0	0	0	-2.8	0.7	0	0	23500.5	-0.04
75	24	2006	0	0	0	2.27	0	0	0	0	-2.9	0.7	0	0	23502.8	-0.02
76	24	2006	0	0	0	2.12	0	0	0	0	-2.8	0.6	0	0	23504.9	0
77	24	2006	0.25	0	0.19	2.35	0	0	0	0	-2.9	0.6	0	0.19	23507.3	0
78	24	2006	2.54	0	0	1.04	0	0	2.15	0	-1.1	0.6	0	0	23508.3	-0.01
79	24	2006	0	0	0	0.4	0	0	-0.02	0	-1.0	0.6	0	0	23508.7	0
80	24	2006	0	0	0	0.29	0	0	0.07	0	-1.0	0.6	0	0	23509	0
81	24	2006	1.02	0	0	0.49	0	0	0.63	0	-0.7	0.6	0	0	23509.5	0
82	24	2006	0	0	2.2	0.19	0	0	-2.22	0	-0.8	0.6	2.2	0	23509.7	0
83	24	2006	1.78	0	1.73	0.67	0.19	0	-0.61	0	-0.6	0.6	1.66	0	23510.4	0
84	24	2006	0.51	0	0	0.11	0	0	0	0	-0.2	0.6	0	0	23510.5	0
85	24	2006	0	0	0	0.84	0.26	0	0	0	-1.4	0.6	0	0	23511.3	-0.02
86	24	2006	0	0	0	2.48	0.57	0	0	0	-3.1	0.6	0	0	23513.8	-0.01
87	24	2006	0	0	0	2.03	0.69	0	0	0	-2.6	0.6	0	0	23515.8	-0.01
88	24	2006	0	0	0	2.57	0.81	0	0	0	-3.1	0.6	0	0	23518.4	-0.01
89	24	2006	0	0	0	2.97	0.98	0	0	0	-3.5	0.6	0	0	23521.4	-0.01
90	24	2006	0.25	0	0	3.88	1.44	0	0	0	-4.2	0.6	0	0	23525.2	-0.02
91	24	2006	10.16	0	0	2.03	0.31	0	0	0	7.6	0.6	0	0	23527.3	-0.02
92	24	2006	0	0	0	3.33	0.75	0	0	0	-3.9	0.6	0	0	23530.6	-0.03
93	24	2006	9.65	0	0	3.69	0.86	0	0	0	5.4	0.6	0	0	23534.3	-0.02
94	24	2006	10.16	0	0	3.48	0.31	0	0	0	6.2	0.6	0	0	23537.8	-0.03
95	24	2006	0.25	0	0.19	1.63	0	0	0	0	-1.9	0.6	0	0	23539.4	-0.03
96	24	2006	0.25	0	0	2.2	0.51	0	0	0	-2.5	0.6	0	0	23541.6	0
97	24	2006	6.35	0	0	1.3	0.11	0	0	0	4.5	0.5	0	0	23542.9	-0.02
98	24	2006	0	0	0	2.85	0	0	0	0	-3.4	0.5	0	0	23545.7	-0.02
99	24	2006	0	0	0	2.69	0.55	0	0	0	-3.2	0.5	0	0	23548.4	0
100	24	2006	0	0	0	3.12	0.85	0	0	0	-3.6	0.5	0	0	23551.5	-0.02
101	24	2006	0	0	0	3.8	1.33	0	0	0	-4.3	0.5	0	0	23555.4	-0.02
102	24	2006	0	0	0	4.36	1.55	0	0	0	-4.9	0.5	0	0	23559.7	-0.02
103	24	2006	0.76	0	0	4.56	1.12	0	0	0	-4.3	0.5	0	0	23564.3	-0.03
104	24	2006	2.54	0	0	1.2	0.05	0	0	0	0.8	0.5	0	0	23565.5	-0.01
105	24	2006	0	0	0	4.28	1.02	0	0	0	-4.8	0.5	0	0	23569.8	-0.03
106	24	2006	0	0	0	3.73	0.86	0	0	0	-4.2	0.5	0	0	23573.5	-0.03
107	24	2006	0	0	0	3.22	0.88	0	0	0	-3.7	0.5	0	0	23576.7	-0.01
108	24	2006	0	0	0	4.3	1.25	0	0	0	-4.8	0.5	0	0	23581	-0.02
109	24	2006	0	0	0	4.6	1.38	0	0	0	-5.1	0.5	0	0	23585.6	-0.03
110	24	2006	0	0	0	4.69	1.47	0	0	0	-5.2	0.5	0	0	23590.3	-0.03
111	24	2006	0	0	0	5.63	1.76	0	0	0	-6.1	0.5	0	0	23595.9	-0.01
112	24	2006	31.75	0	0	2.62	0.4	0	0	0	28.6	0.5	0	0	23598.5	-0.02
113	24	2006	2.03	0	0	2.42	0.39	0	0	0	-0.9	0.5	0	0	23601	-0.03
114	24	2006	1.52	0	0	1.42	0.2	0	0	0	-0.4	0.5	0	0	23602.4	-0.01
115	24	2006	0	0	0	2.24	0.54	0	0	0	-2.7	0.5	0	0	23604.6	-0.03
116	24	2006	0	0	0	5.16	1.19	0	0	0	-5.7	0.5	0	0	23609.8	-0.03
117	24	2006	0	0	0	4.53	1.18	0	0	0	-5.1	0.5	0	0	23614.3	-0.01
118	24	2006	0	0	0	4.05	0.91	0	0	0	-4.6	0.5	0	0	23618.4	-0.01
119	24	2006	0	0	0	4.35	1.27	0	0	0	-4.9	0.5	0	0	23622.7	-0.01
120	24	2006	0	0	0	4.84	1.63	0	0	0	-5.4	0.5	0	0	23627.5	-0.02
121	24	2006	0	0	0	5.16	1.79	0	0	0	-5.7	0.5	0	0	23632.7	-0.02
122	24	2006	0	0	0	4.8	1.43	0	0	0	-5.3	0.5	0	0	23637.5	-0.03
123	24	2006	0	0	0	2.87	0.92	0	0	0	-3.4	0.5	0	0	23640.4	-0.01
124	24	2006	2.03	0	0	4.14	1.21	0	0	0	-2.6	0.5	0	0	23644.5	-0.02
125	24	2006	0	0	0	5.53	1.47	0	0	0	-6.0	0.5	0	0	23650	-0.02
126	24	2006	4.83	0	0	2.4	0.33	0	0	0	1.9	0.5	0	0	23652.4	-0.02
127	24	2006	0	0	0	4.5	1.28	0	0	0	-5.0	0.5	0	0	23656.9	-0.02
128	24	2006	0	0	0	4.86	1.68	0	0	0	-5.4	0.5	0	0	23661.8	-0.01
129	24	2006	0	0	0	4.89	1.69	0	0	0	-5.4	0.5	0	0	23666.7	-0.02
130	24	2006	0	0	0	4.78	1.82	0	0	0	-5.3	0.5	0	0	23671.5	-0.01
131	24	2006	0.25	0	0	2.06	1.62	0	0	0	-2.3	0.5	0	0	23673.5	0.01
132	24	2006	21.34	0	0	3.29	0.77	0	0	0	17.6	0.5	0	0	23676.8	-0.02
133	24	2006	1.02	0	0	3.92	1.02	0	0	0	-3.4	0.5	0	0	23680.7	-0.03
134	24	2006	0	0	0	2.95	0.78	0	0	0	-3.4	0.5	0	0	23683.7	-0.05
135	24	2006	2.29	0	0	3.4	0.7	0	0	0	-1.6	0.5	0	0	23687.1	-0.02
136	24	2006	0	0	0	2.56	0.87	0	0	0	-3.0	0.5	0	0	23689.7	-0.02
137	24	2006	3.05	0	0	2.38	0.43	0	0	0	0.2	0.5	0	0	23692	-0.02
138	24	2006	6.1	0	0	3.74	0.88	0	0	0	1.9	0.5	0	0	23695.8	-0.03
139	24	2006	0	0	0	2.6	0.74	0	0	0	-3.1	0.5	0	0	23698.4	-0.03
140	24	2006	3.56	0	0	1.85	0.15	0	0	0	1.2	0.5	0	0	23700.2	-0.02
141	24	2006	5.59	0	0	2.77	0.34	0	0	0	2.4	0.5	0	0	23703	-0.04
142	24	2006	0	0	0	3.21	0.81	0	0	0	-3.7	0.5	0	0	23706.2	-0.04
143	24	2006	0	0	0	3.2	1.04	0	0	0	-3.7	0.5	0	0	23709.4	-0.02
144	24	2006	0	0	0	5.27	1.82	0	0	0	-5.7	0.5	0	0	23714.7	-0.01
145	24	2006	0	0	0	4.66	1.94	0	0	0	-5.1	0.5	0	0	23719.4	-0.02
146	24	2006	3.56	0	0	2.26	0.55	0	0	0	0.8	0.5	0	0	23721.6	0
147	24	2006	1.78	0	0	2.24	0.48	0	0	0	-0.9	0.5	0	0	23723.9	-0.02
148	24	2006	0	0	0	4.9	1.77	0	0	0	-5.4	0.5	0	0	23728.8	-0.01
149	24	2006	1.27	0	0	5.02	1.71	0	0	0	-4.2	0.5	0	0	23733.8	-0.01
150	24	2006	0	0	0	5.54	2.23	0	0	0	-6.0	0.5	0	0	23739.3	-0.01
151	24	2006	0	0	0	4.37	2.29	0	0	0	-4.8	0.5	0	0	23743.7	-0.02
152	24	2006	0.25	0	0	1.34	1.24	0	0	0	-1.5	0.5	0	0	23745	-0.01
153	24	2006	0	0	0	2.19	1.78	0	0	0	-2.6	0.4	0	0	23747.2	-0.01
154	24	2006	34.54	0	0	1.45	0.21	0	0	0	32.7	0.4	0	0	23748.7	-0.01
155	24	2006	1.27	0	0	2.02	0.46	0	0	0	-1.2	0.4	0	0	23750.7	-0.02
156	24	2006	0	0	0	5.14	1.82	0	0	0	-5.6	0.4	0	0	23755.8	-0.01
157	24	2006	0	0	0	5.15	1.8	0	0	0	-5.6	0.4	0	0	23761	-0.01
158	24	2006	1.02	0	0	2.6	0.86	0	0	0	-2.0	0.4	0	0	23763.6	0
159	24	2006	1.02	0	0	1.73	0.45	0	0	0	-1.1	0.4	0	0	23765.3	-0.02
160	24	2006	7.11	0	0	2.84	0.59	0	0	0	3.9	0.4	0	0	23768.1	-0.03
161	24	2006	2.03	0	0	3.17	0.52	0	0	0	-1.5	0.4	0	0	23771.3	-0.04
162	24	2006	0	0	0	2.7	0.94	0	0	0	-3.1	0.4	0	0	23774	-0.02
163	24	2006	0	0	0	2.71	1.13	0	0	0	-3.1	0.4	0	0	23776.7	0
164	24	2006	0	0	0	4.22	1.56	0	0	0	-4.6	0.4	0	0	23781	-0.01
165	24	2006	0	0	0	4.7	1.74	0	0	0	-5.1	0.4	0	0	23785.7	-0.01
166	24	2006	0	0	0	6.2	2.19	0	0	0	-6.6	0.4	0	0	23791.8	-0.02
167	24	2006	0	0	0	5.5	2.37	0	0	0	-5.9	0.4	0	0	23797.4	0
168	24	2006	8.13	0	0	4.96	1.74	0	0	0	2.8	0.4	0	0	23802.3	-0.01
169	24	2006	0	0	0	6.13	2.49	0	0	0	-6.5	0.4	0	0	23808.4	-0.01
170	24	2006	6.35	0	0	3.17	0.95	0	0	0	2.8	0.4	0	0	23811.6	-0.02
171	24	2006	0	0	0	4.81	1.67	0	0	0	-5.2	0.4	0	0	23816.4	-0.03
172	24	2006	0	0	0	5.24	2.14	0	0	0	-5.6	0.4	0	0	23821.7	-0.01
173	24	2006	0	0	0	2.78	2.4	0	0	0	-3.2	0.4	0	0	23824.4	0.01
174	24	2006	0	0	0	2.12	2.08	0	0	0	-2.5	0.4	0	0	23826.6	-0.01
175	24	2006	0	0	0	2.68	2.48	0	0	0	-3.0	0.4	0	0	23829.2	-0.01
176	24	2006	0	0	0	1.47	1.63	0	0	0	-1.8	0.4	0	0	23830.7	0
177	24	2006	14.73	0	0	1.63	0.38	0	0	0	12.8	0.4	0	0	23832.3	-0.03
178	24	2006	33.53	0	0	3.17	0.89	0	0	0	30.0	0.4	0	0	23835.5	-0.02
179	24	2006	16	0	0	5.21	1.44	0	0	0	10.5	0.4	0	0	23840.7	-0.02
180	24	2006	3.3	0	0	6	1.61	0	0	0	-3.0	0.4	0	0	23846.7	-0.01
181	24	2006	0	0	0	5.86	2.16	0	0	0	-6.2	0.3	0	0	23852.6	-0.03
182	24	2006	0	0	0	6.49	2.58	0	0	0	-6.8	0.3	0	0	23859.1	-0.02
183	24	2006	20.32	0	0	4.93	1.54	0	0	0	15.1	0.3	0	0	23864	-0.03
184	24	2006	0	0	0	4.1	1.83	0	0	0	-4.4	0.3	0	0	23868.1	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
185	24	2006	17.27	0	0	2.77	0.68	0	0	0	14.2	0.3	0	0	23870.9	-0.02
186	24	2006	0	0	0	5.65	1.94	0	0	0	-6.0	0.3	0	0	23876.5	-0.02
187	24	2006	0	0	0	5.06	1.79	0	0	0	-5.4	0.3	0	0	23881.6	-0.01
188	24	2006	0	0	0	5.53	2.07	0	0	0	-5.9	0.3	0	0	23887.1	-0.01
189	24	2006	0	0	0	4.89	2	0	0	0	-5.2	0.3	0	0	23892	-0.01
190	24	2006	0	0	0	4.57	2.03	0	0	0	-4.9	0.3	0	0	23896.6	-0.01
191	24	2006	0	0	0	5.08	2.28	0	0	0	-5.4	0.3	0	0	23901.6	-0.02
192	24	2006	10.67	0	0	5.11	1.44	0	0	0	5.3	0.3	0	0	23906.8	-0.01
193	24	2006	108.97	0	0	1.39	0.06	0	0	0	107.3	0.3	0	0	23908.1	0
194	24	2006	0	0	0	5.61	2.16	0	0	0	-5.9	0.3	0	0	23913.8	-0.02
195	24	2006	0	0	0	5.65	2.32	0	0	0	-5.9	0.3	0	0	23919.4	-0.02
196	24	2006	25.65	0	0	3.89	1.16	0	0	0	21.5	0.3	0	0	23923.3	-0.01
197	24	2006	0	0	0	5.6	2.45	0	0	0	-5.9	0.3	0	0	23928.9	-0.03
198	24	2006	0	0	0	6.98	3.14	0	0	0	-7.3	0.3	0	0	23935.9	-0.02
199	24	2006	0	0	0	6.34	2.43	0	0	0	-6.6	0.3	0	0	23942.2	-0.03
200	24	2006	0	0	0	5.63	2.26	0	0	0	-5.9	0.3	0	0	23947.8	-0.01
201	24	2006	0	0	0	5.52	2.51	0	0	0	-5.8	0.3	0	0	23953.4	-0.03
202	24	2006	3.3	0	0	4.99	1.49	0	0	0	-2.0	0.3	0	0	23958.3	0
203	24	2006	17.78	0.15	0	1.66	0.06	0	0	0	15.7	0.3	0	0	23960	-0.01
204	24	2006	0	0	0	4.85	1.76	0	0	0	-5.0	0.3	0	0	23964.8	0
205	24	2006	0	0	0	5.62	2.3	0	0	0	-5.9	0.3	0	0	23970.5	-0.03
206	24	2006	16	0	0	6.14	2.22	0	0	0	9.6	0.3	0	0	23976.6	-0.01
207	24	2006	0	0	0	5.42	2.42	0	0	0	-5.7	0.3	0	0	23982	-0.02
208	24	2006	2.54	0	0	4.8	1.6	0	0	0	-2.5	0.3	0	0	23986.8	-0.01
209	24	2006	12.45	0	0	2.94	0.69	0	0	0	9.3	0.3	0	0	23989.8	-0.03
210	24	2006	21.34	0	0	4.22	1.44	0	0	0	16.9	0.3	0	0	23994	-0.03
211	24	2006	0	0	0	5.06	1.93	0	0	0	-5.3	0.3	0	0	23999	-0.02
212	24	2006	0	0	0	4.84	2.16	0	0	0	-5.1	0.3	0	0	24003.9	-0.03
213	24	2006	0	0	0	6.56	2.98	0	0	0	-6.8	0.3	0	0	24010.4	-0.02
214	24	2006	2.03	0	0	5.09	1.91	0	0	0	-3.3	0.3	0	0	24015.5	-0.04
215	24	2006	7.37	0	0	3.64	1.08	0	0	0	3.5	0.3	0	0	24019.2	-0.03
216	24	2006	10.67	0	0	6.19	1.81	0	0	0	4.3	0.3	0	0	24025.4	-0.06
217	24	2006	0	0	0	5.81	2.21	0	0	0	-6.1	0.3	0	0	24031.2	-0.02
218	24	2006	0	0	0	5.4	2.27	0	0	0	-5.7	0.3	0	0	24036.6	-0.02
219	24	2006	16.26	0	0	4.55	1.58	0	0	0	11.4	0.3	0	0	24041.1	-0.01
220	24	2006	0	0	0	5.61	2.02	0	0	0	-5.9	0.3	0	0	24046.7	-0.02
221	24	2006	0	0	0	5.3	2.12	0	0	0	-5.6	0.3	0	0	24052	-0.01
222	24	2006	0.25	0	0	3.69	1.67	0	0	0	-3.7	0.3	0	0	24055.7	0
223	24	2006	0	0	0	4.99	1.79	0	0	0	-5.3	0.3	0	0	24060.7	-0.01
224	24	2006	0	0	0	4.98	1.95	0	0	0	-5.3	0.3	0	0	24065.7	-0.03
225	24	2006	0	0	0	4.75	1.98	0	0	0	-5.0	0.3	0	0	24070.4	-0.01
226	24	2006	1.78	0	0	3.9	1.43	0	0	0	-2.4	0.3	0	0	24074.3	-0.02
227	24	2006	1.27	0	0	5.72	2.07	0	0	0	-4.7	0.3	0	0	24080.1	-0.01
228	24	2006	0	0	0	4.32	1.88	0	0	0	-4.6	0.3	0	0	24084.4	-0.01
229	24	2006	0	0	0	4.4	1.96	0	0	0	-4.7	0.3	0	0	24088.8	-0.01
230	24	2006	0.51	0	0	4.38	2.05	0	0	0	-4.2	0.3	0	0	24093.2	-0.01
231	24	2006	8.64	0	0	1.65	0.15	0	0	0	6.7	0.3	0	0	24094.8	0
232	24	2006	6.1	0	0	3.84	1.13	0	0	0	2.0	0.3	0	0	24098.7	-0.04
233	24	2006	0	0	0	4.92	1.97	0	0	0	-5.2	0.3	0	0	24103.6	-0.01
234	24	2006	0	0	0	4.32	1.92	0	0	0	-4.6	0.3	0	0	24107.9	-0.02
235	24	2006	0	0	0	4.29	1.86	0	0	0	-4.6	0.3	0	0	24112.2	-0.01
236	24	2006	0	0	0	3.9	1.78	0	0	0	-4.2	0.3	0	0	24116.1	-0.01
237	24	2006	1.27	0	0	1.8	0.53	0	0	0	-0.9	0.3	0	0	24117.9	0
238	24	2006	6.86	0	0	2.66	0.5	0	0	0	3.9	0.3	0	0	24120.5	-0.02
239	24	2006	0	0	0	1.46	0.68	0	0	0	-1.8	0.3	0	0	2412	-0.02
240	24	2006	0	0	0	1.52	0.8	0	0	0	-1.9	0.4	0	0	24123.5	-0.01
241	24	2006	18.54	0.17	0	1.46	0.04	0	0	0	16.6	0.4	0	0	24125	-0.01
242	24	2006	0	0	0	2.74	1.26	0	0	0	-2.9	0.4	0	0	24127.7	-0.01
243	24	2006	0	0	0	3.48	1.59	0	0	0	-3.8	0.4	0	0	24131.2	-0.02
244	24	2006	0	0	0	3.21	1.55	0	0	0	-3.6	0.4	0	0	24134.4	-0.01
245	24	2006	24.64	0	0	2.05	0.11	0	0	0	22.3	0.4	0	0	24136.5	-0.02
246	24	2006	1.02	0	0	1.94	0.73	0	0	0	-1.3	0.4	0	0	24138.4	-0.01
247	24	2006	0	0	0	2.2	1.1	0	0	0	-2.5	0.4	0	0	24140.6	-0.05
248	24	2006	0	0	0	1.19	0.76	0	0	0	-1.6	0.4	0	0	24141.8	0
249	24	2006	0.51	0	0	2.39	1.18	0	0	0	-2.2	0.4	0	0	24144.2	-0.02
250	24	2006	0	0	0	2.99	1.79	0	0	0	-3.3	0.4	0	0	24147.2	-0.01
251	24	2006	0	0	0	3.84	2.26	0	0	0	-4.2	0.4	0	0	24151	-0.03
252	24	2006	0	0	0	2.26	1.32	0	0	0	-2.6	0.4	0	0	24153.3	-0.02
253	24	2006	0	0	0	3.5	1.85	0	0	0	-3.8	0.4	0	0	24156.8	-0.02
254	24	2006	0	0	0	3.87	2.08	0	0	0	-4.2	0.4	0	0	24160.7	-0.03
255	24	2006	0	0	0	3.35	2.04	0	0	0	-3.7	0.4	0	0	24164	0
256	24	2006	21.84	0.26	0	1.63	0.04	0	0	0	19.6	0.4	0	0	24165.6	0.01
257	24	2006	5.59	0.57	0	1.21	0	0	0	0	3.7	0.4	0	0	24166.8	0.01
258	24	2006	0	0	0	2.05	0.98	0	0	0	-1.8	0.4	0	0	24168.9	-0.02
259	24	2006	0	0	0	1.54	1.02	0	0	0	-1.9	0.4	0	0	24170.4	-0.03
260	24	2006	0	0	0	3.22	2.27	0	0	0	-3.5	0.4	0	0	24173.6	-0.04
261	24	2006	0	0	0	3.98	2.81	0	0	0	-4.3	0.4	0	0	24177.6	-0.02
262	24	2006	1.52	0	0	2.29	0.85	0	0	0	-1.1	0.4	0	0	24179.9	-0.03
263	24	2006	1.52	0	0	2.92	0.94	0	0	0	-1.7	0.4	0	0	24182.8	-0.03
264	24	2006	1.52	0	0	3.3	1.27	0	0	0	-2.1	0.4	0	0	24186.1	-0.03
265	24	2006	0	0	0	2.69	1.84	0	0	0	-3.0	0.4	0	0	24188.8	-0.03
266	24	2006	12.19	0.3	0	1.76	0.15	0	0	0	9.7	0.4	0	0	24190.6	0.04
267	24	2006	4.32	0	0	3.63	0.96	0	0	0	0.7	0.4	0	0	24194.2	-0.03
268	24	2006	1.02	0	0	3.02	1.33	0	0	0	-2.3	0.4	0	0	24197.2	-0.03
269	24	2006	1.78	0	0	3.36	1.29	0	0	0	-1.9	0.4	0	0	24200.6	-0.02
270	24	2006	0	0	0	3.46	2.62	0	0	0	-3.8	0.4	0	0	24204.1	-0.03
271	24	2006	22.1	0	0	2.49	0.2	0	0	0	19.3	0.3	0	0	24206.5	0.01
272	24	2006	2.54	0	0	3.29	0.61	0	0	0	-1.1	0.3	0	0	24209.8	-0.03
273	24	2006	0.25	0	0	2.38	1.47	0	0	0	-2.4	0.3	0	0	24212.2	-0.04
274	24	2006	0.25	0	0	1.69	1.25	0	0	0	-1.8	0.3	0	0	24213.9	0.02
275	24	2006	0	0	0	2.59	1.94	0	0	0	-2.9	0.3	0	0	24216.5	-0.02
276	24	2006	1.27	0.03	0	1.01	0.08	0	0	0	-0.1	0.3	0	0	24217.5	0
277	24	2006	4.83	0.7	0	1.81	0.08	0	0	0	2.0	0.3	0	0	24219.3	-0.01
278	24	2006	0	0	0	3.18	1.48	0	0	0	-2.8	0.3	0	0	24222.5	-0.01
279	24	2006	0	0	0	2.24	1.75	0	0	0	-2.6	0.3	0	0	24224.7	-0.01
280	24	2006	0	0	0	2.34	2.01	0	0	0	-2.6	0.3	0	0	24227.1	-0.03
281	24	2006	0	0	0	2.33	2.17	0	0	0	-2.6	0.3	0	0	24229.4	-0.01
282	24	2006	0	0	0	2.5	2.32	0	0	0	-2.8	0.3	0	0	24231.9	-0.03
283	24	2006	0	0	0	1.85	1.54	0	0	0	-2.2	0.3	0	0	24233.7	-0.03
284	24	2006	0	0	0	1.5	1.14	0	0	0	-1.8	0.3	0	0	24235.2	-0.04
285	24	2006	4.83	0.44	0	2.59	0.08	0	0	0	1.5	0.3	0	0	24237.8	-0.03
286	24	2006	0	0	0	3.03	1.7	0	0	0	-2.9	0.3	0	0	24240.9	-0.02
287	24	2006	0.51	0	0	2.79	1.7	0	0	0	-2.6	0.3	0	0	24243.6	-0.01
288	24	2006	0	0	0	1.91	1.27	0	0	0	-2.2	0.3	0	0	24245.6	-0.01
289	24	2006	0	0	0	2.21	1.96	0	0	0	-2.5	0.3	0	0	24247.8	-0.02
290	24	2006	18.54	0.41	0	2.29	0.09	0	0	0	15.5	0.3	0	0	24250.1	0.01
291	24	2006	3.05	1.28	0	1.35	0	0	0	0	0.5	0.3	0	0	24251.4	0
292	24	2006	31.75	1.47	0	1.37	0	0	0	0	29.9	0.3	0	0	24252.8	-0.01
293	24	2006	26.67	1.96	0	1.26	0	0	0	0	24.6	0.3	0	0	24254	-0.01
294	24	2006	0	0	0	2.65	0.19	0	0	0	-1.0	0.3	0	0	24256.7	-0.02
295	24	2006	1.02	0	0	1.37	0.38	0	0	0	-0.7	0.3	0	0	24258	0
296	24	2006	2.29	0	0	2.45	0.16	0	0	0	-0.5	0.3	0	0	24260.5	-0.03
297	24	2006	6.86	1.44	0	1.71	0	0	0	0	3.4	0.3	0	0	24262.2	0.01
298	24	2006	1.27	0	0	2.81	0.03	0	0	0	-0.4	0.3	0	0	24265	-0.02
299	24	2006	1.02	0	0	1.42	0.2	0	0	0	-0.7	0.3	0	0	24266.4	-0.03
300	24	2006	3.56	0.94	0	1.93	0	0	0	0	0.4	0.3	0	0	24268.4	-0.01
301	24	2006	32.26	1.57	0	1.52	0	0	0	0	29.8	0.3	0	0	24269.9	0
302	24	2006	0.25	0	0	4.03	1.7	0	0	0	-2.5	0.3	0	0	24273.9	-0.04
303	24	2006	0	0	0	2.71	2.23	0	0	0	-3.0	0.3	0	0	24276.6	-0.03
304	24	2006	0.51	0	0	1.74	1.22	0	0	0	-1.5	0.3	0	0	24278.4	-0.03
305	24	2006	0	0	0	1.74	1.45	0	0	0	-2.0	0.3	0	0	24280.1	-0.05
306	24	2006	0	0	0	1.71	1.02	0	0	0	-2.0	0.3	0	0	24281.8	-0.05
307	24	2006	0	0	0	0.64	0	0	0	0	-0.9	0.3	0	0	24282.5	-0.03
308	24	2006	0	0	0	1.46	1.04	0	0	0	-1.7	0.3	0	0	24283.9	-0.03
309	24	2006	0	0	0	1.07	0.88	0	0	0	-1.4	0.3	0	0	2428	-0.01
310	24	2006	0	0	0	1.89	1.74	0	0	0	-2.2	0.3	0	0	24286.9	-0.01
311	24	2006	2.03	0	0	1.86	0.21	0	0	0	-0.1	0.3	0	0	24288.7	-0.01
312	24	2006	1.27	0.18	0	0.86	0.06	0	0	0	-0.1	0.3	0	0	24289.6	-0.01
313	24	2006	0	0	0	1.46	1.23	0	0	0	-1.6	0.3	0	0	24291.1	-0.02
314	24	2006	0	0	0	1.43	0.99	0	0	0	-1.7	0.3	0	0	24292.5	-0.04
315	24	2006	18.29	2	0	1.06	0.04	0	0	0	14.9	0.3	0	0	24293.5	-0.01
316	24	2006	4.32	2.44	0	1.02	0	0	0	0	2.6	0.3	0	0	24294.6	-0.01
317	24	2006	1.02	2.46	0	0.5	0	0	0	0	0.2	0.3	0	0	24295.1	0
318	24	2006	13.21	2.5	0	0.44	0	0	0	0	12.4	0.3	0	0	24295.5	0
319	24	2006	1.52	2.45	0	0.51	0	0	0	0	0.8	0.3	0	0	24296	-0.01
320	24	2006	15.49	1.22	0	1.66	0	0	0	0	14.7	0.3	0	0	24297.7	0
321	24	2006	1.52	0	0	2.84	0.18	0	0	0	-0.4	0.3	0	0	24300.5	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
322	24	2006	1.02	0.08	0	1.13	0	0	0	0	-0.5	0.3	0	0	24301.7	-0.03
323	24	2006	0.51	0	0	0.73	0	0	0	0	-0.5	0.3	0	0	24302.4	-0.01
324	24	2006	1.02	0.04	0	1.11	0	0	0	0	-0.5	0.4	0	0	24303.5	-0.02
325	24	2006	0	0	0	0.29	0	0	0	0	-0.6	0.4	0	0	24303.8	-0.01
326	24	2006	0	0	0	0.77	0.7	0	0	0	-1.1	0.4	0	0	24304.5	0
327	24	2006	0	0	0	0.97	0.84	0	0	0	-1.3	0.4	0	0	24305.5	-0.01
328	24	2006	0	0	0	1.06	0.99	0	0	0	-1.4	0.4	0	0	24306.6	0
329	24	2006	0	0	0	1.3	1.19	0	0	0	-1.7	0.4	0	0	24307.9	-0.02
330	24	2006	0	0	0	0.79	0.74	0	0	0	-1.2	0.4	0	0	24308.7	-0.02
331	24	2006	0	0	0	0.71	0.71	0	0	0	-1.1	0.4	0	0	24309.4	-0.01
332	24	2006	0	0	0	0.63	0.64	0	0	0	-1.0	0.4	0	0	24310	0
333	24	2006	0	0	0	0.8	0.79	0	0	0	-1.2	0.4	0	0	24310.8	-0.02
334	24	2006	4.83	1.12	0	1.66	0.05	0	0	0	1.6	0.4	0	0	24312.5	0.01
335	24	2006	32.51	0.49	0	2.81	0	0	0	0	29.9	0.4	0	0	24315.3	-0.01
336	24	2006	0	0	0	2.29	0.83	0	0	0	-2.2	0.4	0	0	24317.6	-0.03
337	24	2006	0	0	0	1.13	0.61	0	0	0	-1.6	0.5	0	0	24318.7	-0.03
338	24	2006	0.25	0	0.07	0.96	0	0	0	0	-1.2	0.5	0	0.07	24319.7	-0.02
339	24	2006	0	0	0	0.69	0	0	0	0	-1.1	0.5	0	0.07	24320.3	-0.01
340	24	2006	0	0	0	1.15	0.63	0	0	0	-1.6	0.5	0	0	24321.5	0
341	24	2006	1.52	0	0.4	1.77	0.08	0	0	0	-1.1	0.5	0	0.4	24323.3	-0.01
342	24	2006	3.05	0.92	0	1.74	0	0	1.36	0	-1.1	0.5	0	0	24325	-0.02
343	24	2006	0	0	0.1	0.97	0	0	-0.05	0	-0.6	0.5	0.1	0	24326	0
344	24	2006	0	0	0.49	0.77	0.74	0	-0.35	0	-1.4	0.5	0.49	0	24326.7	0
345	24	2006	0.76	0.18	0.56	0.37	0	0	-0.39	0	-0.5	0.5	0.56	0	24327.1	0
346	24	2006	0	0	0.48	0.83	0.68	0	-0.56	0	-0.7	0.6	0.09	0	24327.9	0
347	24	2006	0.76	0	0	1.18	0.68	0	0	0	-1.0	0.6	0	0	24329.1	0
348	24	2006	0	0	0	1.08	1.09	0	0	0	-1.6	0.6	0	0	24330.2	-0.02
349	24	2006	0	0	0	1.4	1.37	0	0	0	-2.0	0.6	0	0	24331.6	-0.01
350	24	2006	0	0	0	0.66	0.37	0	0	0	-1.2	0.6	0	0	24332.3	-0.03
351	24	2006	1.52	0.33	0	0.8	0	0	0	0	-0.2	0.6	0	0	24333.1	0.01
352	24	2006	0	0	0	1.12	0.68	0	0	0	-1.4	0.6	0	0	24334.2	-0.02
353	24	2006	0.25	0	0	0.65	0	0	0	0	-1.0	0.6	0	0	24334.8	-0.03
354	24	2006	0	0	0	1.02	0.75	0	0	0	-1.6	0.6	0	0	24335.8	-0.02
355	24	2006	0	0	0	1.04	0.82	0	0	0	-1.7	0.7	0	0	24336.9	-0.01
356	24	2006	19.05	1.81	0	0.78	0	0	0	0	15.8	0.7	0	0	24337.7	0
357	24	2006	4.57	1.41	0	1.25	0	0	0	0	3.1	0.7	0	0	24338.9	0
358	24	2006	0.51	0	0	2.26	0.26	0	0	0	-1.0	0.7	0	0	24341.2	-0.01
359	24	2006	22.1	1.61	0	1.09	0	0	0	0	18.7	0.7	0	0	24342.3	-0.02
360	24	2006	3.81	2.07	0	0.58	0	0	0	0	2.1	0.7	0	0	24342.8	0
361	24	2006	1.27	1.82	0.62	1.11	0	0	0	0	-0.3	0.7	0	0	24343.9	0
362	24	2006	0	0.99	0	0.94	0	0	0	0	-0.8	0.7	0	0	24344.9	-0.01
363	24	2006	0	0	0	1.17	0	0	0	0	-0.9	0.7	0	0	24346.1	-0.01
364	24	2006	2.03	0.62	0	1	0	0	0	0	-0.3	0.7	0	0	24347.1	0
365	24	2006	0.51	0	0	1.11	0	0	0	0	-0.7	0.7	0	0	24348.2	-0.01
1	24	2007	2.79	0.32	0	1.69	0.08	0	0	0	0.0	0.7	0	0	24349.9	0.02
2	24	2007	0	0	0	1.06	0.4	0	0	0	-1.4	0.7	0	0	24350.9	-0.03
3	24	2007	0	0	0	0.98	0.79	0	0	0	-1.7	0.7	0	0	24351.9	-0.01
4	24	2007	0.76	0	0	1.41	0.79	0	0	0	-1.4	0.7	0	0	24353.3	-0.01
5	24	2007	27.94	1.58	0	0.81	0.04	0	0	0	24.8	0.8	0	0	24354.1	0.02
6	24	2007	9.91	0.59	0	1.79	0	0	0	0	8.4	0.8	0	0	24355.9	-0.01
7	24	2007	4.57	0.76	0	2.37	0	0	0	0	1.3	0.8	0	0	24358.3	0
8	24	2007	11.94	0.28	0	2.41	0	0	0	0	9.2	0.8	0	0	24360.7	-0.01
9	24	2007	0.25	0	0	1.03	0	0	0	0	-1.3	0.8	0	0	24361.7	-0.02
10	24	2007	3.3	1.1	0.11	1.67	0	0	1.09	0	-1.4	0.8	0	0	24363.4	-0.01
11	24	2007	0.25	0	0.25	1.44	0	0	0.12	0	-1.0	0.8	0	0	24364.8	-0.01
12	24	2007	1.02	0	1.22	0.96	0.29	0	-1.2	0	0.4	0.8	0	0	24365.8	0.01
13	24	2007	7.37	1.36	0	1.01	0	0	0	0	4.2	0.9	0	0	24366.8	-0.02
14	24	2007	3.56	1.86	0.17	0.58	0	0	2.44	0	-0.8	0.9	0	0	24367.4	0
15	24	2007	17.02	1.59	0	0.33	0	0	17.07	0	-1.0	0.9	0	0	24367.7	0
16	24	2007	0.51	1.03	0	0.9	0	0	0.31	0	-1.0	0.9	0	0	24368.6	0
17	24	2007	0	0.25	0	0.8	0	0	0.2	0	-1.1	0.9	0	0	24369.4	0
18	24	2007	0	0	0.02	0.27	0	0	0.09	0	-1.1	1.0	0	0	24369.7	0
19	24	2007	2.03	0.4	0	0.88	0	0	0.81	0	-1.0	1.0	0	0	24370.6	0
20	24	2007	0.25	0	0	0.63	0	0	0.2	0	-1.2	1.0	0	0	24371.2	-0.01
21	24	2007	0	0	0	0.1	0	0	0.13	0	-1.3	1.0	0	0	24371.3	0
22	24	2007	2.03	0.77	0	0.52	0	0	0.88	0	-1.2	1.1	0	0	24371.8	0.01
23	24	2007	1.02	0.63	0	0.77	0	0	0.5	0	-1.2	1.1	0	0	24372.6	0
24	24	2007	0	0	0	0.67	0	0	0.07	0	-1.2	1.1	0	0	24373.3	-0.01
25	24	2007	0.51	0	0	0.38	0	0	0.36	0	-1.4	1.2	0	0	24373.6	-0.01
26	24	2007	1.52	0.28	0	0.68	0	0	0.81	0	-1.4	1.2	0	0	24374.3	0
27	24	2007	2.03	1.1	0	0.41	0	0	0.97	0	-1.4	1.2	0	0	24374.7	0
28	24	2007	0	0.33	0	0.8	0	0	0.07	0	-1.3	1.2	0	0	24375.5	0
29	24	2007	0.76	0.28	0	0.53	0	0	0.42	0	-1.4	1.2	0	0	24376	0
30	24	2007	0.76	0.14	0	0.62	0	0	0.43	0	-1.4	1.3	0	0	24376.7	0
31	24	2007	1.52	0	0	1.06	0	0	0.72	0	-1.4	1.3	0	0	24377.7	0
32	24	2007	0	0	0.08	0.04	0	0	-0.04	0	-1.4	1.3	0.08	0	24377.8	0
33	24	2007	4.32	1.19	0	0.57	0	0	2.59	0	-1.3	1.3	0	0	24378.3	0
34	24	2007	0	0	0	1.28	0	0	0.03	0	-1.4	1.3	0	0	24379.6	0
35	24	2007	0	0	0	0.15	0	0	0.01	0	-1.5	1.3	0	0	24379.8	0
36	24	2007	0	0	0	0.16	0	0	-0.01	0	-1.5	1.3	0	0	24379.9	0
37	24	2007	0	0	0	0.13	0	0	-0.01	0	-1.4	1.3	0	0	24380	0
38	24	2007	0.51	0	0	0.43	0	0	0.2	0	-1.4	1.3	0	0	24380.5	-0.01
39	24	2007	0.25	0	0	0.28	0	0	0.07	0	-1.4	1.3	0	0	24380.8	0
40	24	2007	1.27	0	0	0.79	0	0	0.57	0	-1.4	1.3	0	0	24381.5	0
41	24	2007	0	0	0	0.1	0	0	-0.03	0	-1.4	1.3	0	0	24381.7	0
42	24	2007	0	0	0	0.12	0	0	-0.04	0	-1.4	1.3	0	0	24381.8	0
43	24	2007	0.25	0	0	0.22	0	0	0.11	0	-1.3	1.3	0	0	24382	0
44	24	2007	3.05	1.02	0	0.62	0	0	1.53	0	-1.4	1.3	0	0	24382.6	0
45	24	2007	22.1	0.18	0	0.38	0	0	22.63	0	-1.3	1.2	0	0	24383	0
46	24	2007	4.57	0	0	0.6	0	0	4.18	0	-1.3	1.2	0	0	24383.6	0
47	24	2007	3.3	0	0	0.66	0	0	2.66	0	-1.2	1.2	0	0	24384.3	0
48	24	2007	0.25	0	0	0.12	0	0	0.16	0	-1.2	1.2	0	0	24384.4	0
49	24	2007	1.02	0	0	0.39	0	0	0.66	0	-1.2	1.2	0	0	24384.8	-0.01
50	24	2007	0.51	0	0	0.24	0	0	0.32	0	-1.2	1.2	0	0	24385	0
51	24	2007	3.05	0.05	0	0.96	0	0	2.05	0	-1.2	1.2	0	0	24386	0.01
52	24	2007	0	0	0.29	0.05	0	0	-0.3	0	-1.1	1.2	0.29	0	24386	0
53	24	2007	5.33	0.17	0	0.91	0	0	4.25	0	-1.1	1.2	0	0	24386.9	0
54	24	2007	0	0	0	0.38	0	0	-0.19	0	-1.1	1.1	0	0	24387.3	-0.01
55	24	2007	0	0	0	0.11	0	0	-0.06	0	-1.2	1.1	0	0	24387.4	0
56	24	2007	3.56	0.23	0	0.82	0	0	2.55	0	-1.2	1.1	0	0	24388.2	0
57	24	2007	4.57	0.57	0	0.53	0	0	3.72	0	-1.1	1.1	0	0	24388.8	0
58	24	2007	0.51	0.21	0	0.56	0	0	0.31	0	-1.1	1.1	0	0	24389.3	0
59	24	2007	0	0	0	0.23	0	0	0	0	-1.1	1.1	0	0	24389.6	0
60	24	2007	0.51	0	0	0.34	0	0	0.2	0	-1.1	1.1	0	0	24389.9	-0.01
61	24	2007	32.77	0.27	31.02	0.73	0	0	0.72	0	-1.0	1.0	31.02	0	24390.6	0.01
62	24	2007	0.51	0	2.84	0.81	0.31	0	-2.58	0	-1.3	1.0	2.84	0	24391.5	0
63	24	2007	0.25	0	0	0.32	0	0	-0.07	0	-1.0	1.0	0	0	24391.8	-0.01
64	24	2007	0.51	0	0	0.39	0	0	0.17	0	-1.0	1.0	0	0	24392.2	-0.02
65	24	2007	0.25	0	0	0.28	0	0	0.06	0	-1.1	1.0	0	0	24392.4	-0.01
66	24	2007	0.25	0	0	0.21	0	0	0.12	0	-1.0	1.0	0	0	24392.6	0
67	24	2007	1.02	0	0	0.49	0	0	0.6	0	-1.0	1.0	0	0	24393.1	-0.01
68	24	2007	0	0	0	0.12	0	0	-0.06	0	-1.0	1.0	0	0	24393.3	0
69	24	2007	2.54	0.22	0	0.8	0	0	1.53	0	-1.0	0.9	0	0	24394.1	0.01
70	24	2007	0	0	0.83	0.24	0	0	-0.88	0	-0.9	0.9	0.83	0	24394.3	0
71	24	2007	0	0	3.41	0.79	0.77	0	-3.44	0	-1.7	0.9	3.41	0	24395.1	-0.01
72	24	2007	0	0	8.54	1.32	1.34	0	-8.55	0	-2.2	0.9	8.54	0	24396.4	0
73	24	2007	8.38	0	21.9	1.56	0.32	0	-14.78	0	0.0	0.9	20.7	0	24398	-0.01
74	24	2007	9.14	0	14.07	1.53	0.11	0	-6.35	0	2.1	0.9	10.99	0	24399.5	-0.01
75	24	2007	4.06	0.35	0.15	1.18	0	0	2.41	0	-0.7	0.9	0	0	24400.7	0
76	24	2007	2.03	0.19	0	1.22	0	0	1.01	0	-0.9	0.9	0	0	24401.9	0
77	24	2007	1.52	0	0	1.1	0	0	0.64	0	-0.9	0.9	0	0	24403	0
78	24	2007	0	0	0.46	0.07	0	0	-0.53	0	-0.9	0.9	0.46	0	24403.1	0
79	24	2007	0.25	0	5.06	0.22	0	0	-5	0	-0.9	0.8	5.06	0	24403.3	-0.01
80	24	2007	0.25	0	6.53	1.13	0.91	0	-6.47	0	-1.8	0.8	6.53	0	24404.4	-0.01
81	24	2007	2.54	0	13.08	2.57	1.31	0	-11.87	0	-1.5	0.8	12.48	0	24407	0.03
82	24	2007	0	0	10.4	1.61	1.59	0	-10.39	0	3.5	0.8	4.47	0	24408.6	0
83	24	2007	8.38	0.56	9.59	1.05	0	0	-2.81	0	5.5	0.8	3.28	0	24409.6	0
84	24	2007	0	0	3.33	0.85	0.3	0	-3.32	0	2.2	0.8	0	0	24410.5	0
85	24	2007	29.21	0.61	31.47	0.98	0.01	0	-4.78	0	31.6	0.8	0	0	24411.5	0.01
86	24	2007	0.25	0	0	0.92	0.16	0	0	0	-0.8	0.8	0	0	24412.4	-0.02
87	24	2007	0.25	0	0	2.88	1.42	0	0	0	-3.4	0.8	0	0	24415.3	-0.03
88	24	2007	0	0	0	2.3	0.89	0	0	0	-3.1	0.8	0	0	24417.6	-0.01
89	24	2007	0	0	0	1.89	1.23	0	0	0	-2.7	0.8	0	0	24419.5	-0.01
90	24	2007	0	0	0	2.35	1.47	0	0	0	-3.1	0.8	0	0	24421.8	-0.01
91	24	2007	12.7	0	0	2.18	0.26	0	0	0	9.8	0.8	0	0	24424	-0.03
92	24	2007	0.76	0	0	2.31	1.31	0	0	0	-2.3	0.8	0	0	24426.3	-0.01
93	24	2007	0.25	0	0	2.69	1.5	0	0	0	-3.2	0.8	0	0	24429	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
94	24	2007	12.95	0	0	2.1	0.18	0	0	0	10.1	0.8	0	0	24431.1	-0.02
95	24	2007	0.76	0	0.36	1.95	0	0	0	0	-1.9	0.8	0	0	24433	-0.03
96	24	2007	0	0	0	1.49	0	0	0	0	-2.2	0.8	0	0	24434.5	-0.01
97	24	2007	0.25	0	0.12	1.14	0	0	0	0	-1.7	0.8	0	0	24435.7	0
98	24	2007	0.25	0	0.12	1.11	0	0	0	0	-1.6	0.8	0	0	24436.8	0.01
99	24	2007	0.25	0	0.12	0.89	0	0	0	0	-1.4	0.8	0	0	24437.7	0
100	24	2007	0.25	0	0	1.69	0	0	0	0	-2.2	0.8	0	0	24439.4	0
101	24	2007	0	0	0	2.46	1.19	0	0	0	-3.2	0.8	0	0	24441.8	0
102	24	2007	7.62	0.11	0	1.54	0	0	0	0	5.2	0.8	0	0	24443.4	0.01
103	24	2007	2.03	0	0	1.63	0	0	0	0	-0.3	0.8	0	0	24445	-0.02
104	24	2007	0	0	0	1.76	0.79	0	0	0	-2.5	0.8	0	0	24446.8	-0.03
105	24	2007	15.75	0.87	0	0.84	0	0	0	0	13.2	0.8	0	0	24447.6	0
106	24	2007	21.34	0.66	0	1.12	0	0	0	0	19.6	0.8	0	0	24448.7	-0.01
107	24	2007	4.57	0.22	0	1.83	0	0	0	0	2.3	0.8	0	0	24450.6	0
108	24	2007	0	0	0	3.13	1.57	0	0	0	-3.8	0.9	0	0	24453.7	-0.02
109	24	2007	0	0	0	3.65	2.16	0	0	0	-4.5	0.9	0	0	24457.3	-0.01
110	24	2007	0	0	0	4.4	2.59	0	0	0	-5.3	0.9	0	0	24461.7	-0.02
111	24	2007	0	0	0	4.2	2.66	0	0	0	-5.1	0.9	0	0	24465.9	-0.02
112	24	2007	0.25	0	0	4.56	2.82	0	0	0	-5.2	0.9	0	0	24470.5	-0.02
113	24	2007	10.41	0	0	5.64	2.77	0	0	0	3.9	0.9	0	0	24476.1	0
114	24	2007	0	0	0	5.37	2.65	0	0	0	-6.3	0.9	0	0	24481.5	-0.02
115	24	2007	5.59	0.42	0	1.41	0.04	0	0	0	2.8	0.9	0	0	24482.9	0.02
116	24	2007	0.25	0	0	3.96	1.67	0	0	0	-4.2	1.0	0	0	24486.9	-0.01
117	24	2007	9.4	0	0	2.81	0.92	0	0	0	5.6	1.0	0	0	24489.7	0
118	24	2007	2.03	0	0	1.82	0.23	0	0	0	-0.7	1.0	0	0	24491.5	-0.02
119	24	2007	1.27	0	0	4.08	1.7	0	0	0	-3.8	1.0	0	0	24495.6	-0.02
120	24	2007	1.78	0	0	5.49	1.91	0	0	0	-4.7	1.0	0	0	24501.1	-0.03
121	24	2007	0.51	0	0	3.18	1.52	0	0	0	-3.7	1.0	0	0	24504.3	-0.01
122	24	2007	0	0	0	4.87	2.31	0	0	0	-5.9	1.0	0	0	24509.1	0
123	24	2007	0	0	0	4.71	2.26	0	0	0	-5.7	1.0	0	0	24513.8	-0.02
124	24	2007	0	0	0	4.86	2.37	0	0	0	-5.9	1.1	0	0	24518.7	-0.01
125	24	2007	0	0	0	5.23	2.55	0	0	0	-6.3	1.1	0	0	24523.9	0
126	24	2007	0	0	0	5.04	2.31	0	0	0	-6.1	1.1	0	0	24529	-0.01
127	24	2007	0	0	0	4.46	2.42	0	0	0	-5.5	1.1	0	0	24533.4	-0.01
128	24	2007	0	0	0	5.54	3.12	0	0	0	-6.6	1.1	0	0	24539	-0.03
129	24	2007	0	0	0	4.85	2.86	0	0	0	-5.9	1.1	0	0	24543.8	-0.01
130	24	2007	1.02	0	0	3.05	1.53	0	0	0	-3.1	1.1	0	0	24546.9	0.01
131	24	2007	0	0	0	3.99	1.92	0	0	0	-5.1	1.1	0	0	24550.9	-0.02
132	24	2007	0	0	0	5.51	2.32	0	0	0	-6.6	1.1	0	0	24556.4	0
133	24	2007	0	0	0	5.13	2.09	0	0	0	-6.2	1.1	0	0	24561.5	-0.01
134	24	2007	0	0	0	5.16	2.49	0	0	0	-6.2	1.1	0	0	24566.7	-0.01
135	24	2007	0.51	0	0	5.86	3.38	0	0	0	-6.4	1.1	0	0	24572.5	0
136	24	2007	7.37	0	0	2.08	0.28	0	0	0	4.2	1.1	0	0	24574.6	-0.01
137	24	2007	0	0	0	3.55	1.42	0	0	0	-4.6	1.1	0	0	24578.2	-0.01
138	24	2007	0	0	0	3.38	1.33	0	0	0	-4.5	1.1	0	0	24581.5	0
139	24	2007	0	0	0	4.78	2.15	0	0	0	-5.8	1.1	0	0	24586.3	-0.01
140	24	2007	0.25	0	0	2.34	1.14	0	0	0	-3.1	1.0	0	0	24588.7	0
141	24	2007	0	0	0	5.26	2.15	0	0	0	-6.3	1.0	0	0	24593.9	-0.02
142	24	2007	0	0	0	4.91	2.36	0	0	0	-5.9	1.0	0	0	24598.8	-0.01
143	24	2007	0	0	0	4.52	3.3	0	0	0	-5.5	1.0	0	0	24603.3	0
144	24	2007	0	0	0	3.84	3.8	0	0	0	-4.8	1.0	0	0	24607.2	0
145	24	2007	1.78	0	0	4.49	2.87	0	0	0	-3.7	1.0	0	0	24611.7	-0.01
146	24	2007	0	0	0	3.37	3.15	0	0	0	-4.3	1.0	0	0	24615	-0.02
147	24	2007	8.89	0	0	3.26	1.38	0	0	0	4.7	1.0	0	0	24618.3	0.01
148	24	2007	0	0	0	5.77	2.08	0	0	0	-6.7	1.0	0	0	24624.1	-0.02
149	24	2007	0	0	0	4.9	2.06	0	0	0	-5.8	0.9	0	0	24629	-0.01
150	24	2007	0	0	0	3.49	2.84	0	0	0	-4.4	0.9	0	0	24632.5	-0.01
151	24	2007	0	0	0	2.76	2.88	0	0	0	-3.7	0.9	0	0	24635.2	-0.01
152	24	2007	0	0	0	2.36	2.38	0	0	0	-3.2	0.9	0	0	24637.6	-0.02
153	24	2007	0	0	0	2.44	2.37	0	0	0	-3.3	0.9	0	0	24640	-0.02
154	24	2007	1.52	0	0	2.42	1.26	0	0	0	-1.8	0.9	0	0	24642.4	0
155	24	2007	18.8	0	0	1.95	0.21	0	0	0	16.0	0.9	0	0	24644.4	-0.01
156	24	2007	7.37	0	0	3.82	1.18	0	0	0	2.7	0.8	0	0	24648.2	-0.02
157	24	2007	0	0	0	4.64	1.92	0	0	0	-5.5	0.8	0	0	24652.8	-0.02
158	24	2007	0	0	0	5.08	2.7	0	0	0	-5.9	0.8	0	0	24657.9	-0.01
159	24	2007	4.32	0	0	6.36	2.67	0	0	0	-2.9	0.8	0	0	24664.3	0
160	24	2007	0.25	0	0	4.86	2.19	0	0	0	-5.4	0.8	0	0	24669.1	-0.01
161	24	2007	0	0	0	5.21	2.47	0	0	0	-6.0	0.8	0	0	24674.3	-0.01
162	24	2007	0	0	0	4.02	2.47	0	0	0	-4.8	0.8	0	0	24678.4	-0.01
163	24	2007	0	0	0	3.14	2.85	0	0	0	-3.9	0.8	0	0	24681.5	-0.01
164	24	2007	0	0	0	2.45	2.44	0	0	0	-3.2	0.7	0	0	24684	-0.01
165	24	2007	0	0	0	1.87	1.78	0	0	0	-2.6	0.7	0	0	24685.8	-0.01
166	24	2007	0	0	0	1.7	1.59	0	0	0	-2.4	0.7	0	0	24687.5	-0.02
167	24	2007	0	0	0	1.53	1.47	0	0	0	-2.2	0.7	0	0	24689.1	-0.02
168	24	2007	1.02	0	0	1.9	1.06	0	0	0	-1.6	0.7	0	0	24691	0
169	24	2007	0	0	0	1.61	1.29	0	0	0	-2.3	0.7	0	0	24692.6	-0.03
170	24	2007	10.16	0	0	3.48	1.25	0	0	0	6.0	0.7	0	0	24696	-0.03
171	24	2007	7.11	0	0	6.26	1.76	0	0	0	0.2	0.7	0	0	24702.3	-0.02
172	24	2007	0.25	0	0	4.09	1.6	0	0	0	-4.5	0.7	0	0	24706.4	0
173	24	2007	0	0	0	2.93	0.97	0	0	0	-3.6	0.6	0	0	24709.3	-0.02
174	24	2007	0	0	0	3.38	1.05	0	0	0	-4.0	0.6	0	0	24712.7	-0.02
175	24	2007	0	0	0	1.67	1.3	0	0	0	-2.3	0.6	0	0	24714.4	-0.01
176	24	2007	0	0	0	1.44	1.39	0	0	0	-2.0	0.6	0	0	24715.8	-0.01
177	24	2007	0	0	0	1.16	1.23	0	0	0	-1.8	0.6	0	0	24717	-0.02
178	24	2007	6.6	0	0	3.6	0.62	0	0	0	2.4	0.6	0	0	24720.6	0
179	24	2007	0	0	0	2.55	0.78	0	0	0	-3.1	0.6	0	0	24723.1	-0.03
180	24	2007	0	0	0	2.7	0.84	0	0	0	-3.3	0.6	0	0	24725.8	-0.03
181	24	2007	0	0	0	0.94	0.84	0	0	0	-1.5	0.6	0	0	24726.8	-0.01
182	24	2007	0	0	0	0.65	0.7	0	0	0	-1.2	0.6	0	0	24727.4	-0.02
183	24	2007	0	0	0	0.9	0.76	0	0	0	-1.4	0.6	0	0	24728.3	-0.02
184	24	2007	0	0	0	1.12	0.9	0	0	0	-1.7	0.6	0	0	24729.4	-0.01
185	24	2007	1.78	0	0	1.09	0.25	0	0	0	0.1	0.5	0	0	24730.5	0
186	24	2007	0.25	0	0	1.47	0.77	0	0	0	-1.8	0.5	0	0	24732	-0.01
187	24	2007	0	0	0	1.18	0.92	0	0	0	-1.7	0.5	0	0	24733.2	-0.02
188	24	2007	0	0	0	0.99	0.88	0	0	0	-1.5	0.5	0	0	24734.2	-0.02
189	24	2007	24.64	0	0	4.01	1.31	0	0	0	20.2	0.5	0	0	24738.2	-0.03
190	24	2007	0.25	0	0	6.11	4.64	0	0	0	-6.3	0.5	0	0	24744.3	-0.02
191	24	2007	0	0	0	4.82	3.6	0	0	0	-5.3	0.5	0	0	24749.1	-0.04
192	24	2007	7.37	0	0	4.42	1.26	0	0	0	2.5	0.5	0	0	24753.5	-0.02
193	24	2007	0	0	0	5.36	3.16	0	0	0	-5.8	0.5	0	0	24758.9	-0.04
194	24	2007	5.08	0	0	4.64	1.12	0	0	0	0.0	0.5	0	0	24763.5	-0.01
195	24	2007	0.51	0	0	3.58	2.05	0	0	0	-3.5	0.5	0	0	24767.1	-0.03
196	24	2007	2.54	0	0	3.93	1.04	0	0	0	-1.8	0.5	0	0	24771	-0.01
197	24	2007	0	0	0	2.67	1.56	0	0	0	-3.1	0.5	0	0	24773.7	-0.01
198	24	2007	0.51	0	0	3.07	1.5	0	0	0	-3.0	0.5	0	0	24776.8	-0.02
199	24	2007	5.33	0	0	3.42	0.34	0	0	0	1.5	0.5	0	0	24780.2	0.01
200	24	2007	15.49	0	0	3.22	0.13	0	0	0	11.8	0.4	0	0	24783.4	-0.02
201	24	2007	15.49	0	0	4.23	0.68	0	0	0	10.9	0.4	0	0	24787.6	-0.03
202	24	2007	0	0	0	6.21	4.74	0	0	0	-6.6	0.4	0	0	24793.9	-0.04
203	24	2007	0	0	0	4.89	4.2	0	0	0	-5.3	0.4	0	0	24798.8	-0.01
204	24	2007	4.83	0.3	0	3.09	0.24	0	0	0	1.0	0.4	0	0	24801.8	-0.02
205	24	2007	3.3	0	0	4.07	0.74	0	0	0	-0.9	0.4	0	0	24805.9	-0.02
206	24	2007	0	0	0	4.59	3.97	0	0	0	-5.0	0.4	0	0	24810.5	-0.04
207	24	2007	0	0	0	5.23	4.21	0	0	0	-5.6	0.4	0	0	24815.7	-0.02
208	24	2007	4.32	0	0	3.63	0.35	0	0	0	0.3	0.4	0	0	24819.4	-0.04
209	24	2007	0	0	0	4.1	3.2	0	0	0	-4.5	0.4	0	0	24823.5	-0.05
210	24	2007	0	0	0	3.78	2.86	0	0	0	-4.1	0.4	0	0	24827.2	-0.04
211	24	2007	0	0	0	3.72	2.41	0	0	0	-4.1	0.4	0	0	24831	-0.05
212	24	2007	0	0	0	3.06	1.8	0	0	0	-3.4	0.4	0	0	24834	-0.04
213	24	2007	0	0	0	2.6	1.49	0	0	0	-3.0	0.4	0	0	24836.6	-0.02
214	24	2007	0	0	0	2.33	1.28	0	0	0	-2.7	0.4	0	0	24839	-0.04
215	24	2007	0	0	0	1.45	1.01	0	0	0	-1.8	0.4	0	0	24840.4	-0.03
216	24	2007	0	0	0	0.89	0.75	0	0	0	-1.2	0.4	0	0	24841.3	-0.04
217	24	2007	0	0	0	0.88	0.69	0	0	0	-1.2	0.4	0	0	24842.2	-0.04
218	24	2007	0	0	0	0.14	0.52	0	0	0	-0.5	0.4	0	0	24842.3	0.01
219	24	2007	2.03	0	0	2.14	0.41	0	0	0	-0.5	0.4	0	0	24844.5	0.01
220	24	2007	0.25	0	0	1.01	0.57	0	0	0	-1.1	0.4	0	0	24845.5	-0.01
221	24	2007	0	0	0	1.04	0.62	0	0	0	-1.3	0.4	0	0	24846.5	-0.05
222	24	2007	5.84	0	0	2.93	0.08	0	0	0	2.6	0.3	0	0	24849.4	-0.01
223	24	2007	0	0	0	2.17	0.72	0	0	0	-2.5	0.3	0	0	24851.6	-0.04
224	24	2007	0	0	0	1.85	0.68	0	0	0	-2.2	0.3	0	0	24853.5	-0.02
225	24	2007	0	0	0	0.97	0.56	0	0	0	-1.3	0.3	0	0	24854.4	-0.02
226	24	2007	0	0	0	0.91	0.58	0	0	0	-1.2	0.3	0	0	24855.3	-0.03
227	24	2007	0	0	0	0.45	0.56	0	0	0	-0.8	0.3	0	0	24855.8	0
228	24	2007	0	0	0	0.55	0.56	0	0	0	-0.9	0.3	0	0	24856.3	-0.01
229	24	2007	13.97	0	0	5.63	1.85	0	0	0	8.1	0.3	0	0	24862	-0.03
230	24	2007	1.02	0	0	3.88	1.38	0	0	0	-3.2	0.3	0	0	24865.8	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
231	24	2007	0	0	0	1.81	0.62	0	0	0	-2.1	0.3	0	0	24867.7	-0.01
232	24	2007	0	0	0	0.94	0.28	0	0	0	-1.2	0.3	0	0	24868.6	-0.01
233	24	2007	0	0	0	0.89	0.34	0	0	0	-1.2	0.3	0	0	24869.5	-0.01
234	24	2007	0	0	0	0.8	0.45	0	0	0	-1.1	0.3	0	0	24870.3	0.01
235	24	2007	4.83	0	0	2.74	0.21	0	0	0	1.8	0.3	0	0	24873	0.03
236	24	2007	0	0	0	1.63	0.85	0	0	0	-2.0	0.3	0	0	24874.7	0.02
237	24	2007	11.68	0	0	4.93	1.79	0	0	0	6.5	0.3	0	0	24879.6	-0.03
238	24	2007	0.25	0	0	2.55	1.49	0	0	0	-2.6	0.3	0	0	24882.1	-0.03
239	24	2007	0	0	0	2.57	1.44	0	0	0	-2.9	0.3	0	0	24884.7	0
240	24	2007	0	0	0	2.31	1.01	0	0	0	-2.6	0.3	0	0	24887	-0.03
241	24	2007	0	0	0	2.38	1.01	0	0	0	-2.6	0.3	0	0	24889.4	-0.02
242	24	2007	0	0	0	1.24	0.48	0	0	0	-1.5	0.3	0	0	24890.6	-0.03
243	24	2007	0	0	0	2.17	0.63	0	0	0	-2.4	0.3	0	0	24892.8	-0.03
244	24	2007	0	0	0	1.08	0.63	0	0	0	-1.3	0.3	0	0	24893.9	-0.02
245	24	2007	0	0	0	0.95	0.67	0	0	0	-1.2	0.3	0	0	24894.8	-0.02
246	24	2007	0	0	0	0.2	0.53	0	0	0	-0.5	0.3	0	0	24895	0
247	24	2007	0	0	0	0.64	0.46	0	0	0	-0.9	0.3	0	0	24895.7	-0.03
248	24	2007	0	0	0	0.47	0.43	0	0	0	-0.7	0.3	0	0	24896.1	-0.01
249	24	2007	0	0	0	0.58	0.58	0	0	0	-0.8	0.3	0	0	24896.7	-0.01
250	24	2007	0	0	0	0.59	0.61	0	0	0	-0.9	0.3	0	0	24897.3	0
251	24	2007	2.29	0	0	2.11	0.28	0	0	0	-0.1	0.3	0	0	24899.4	-0.02
252	24	2007	18.8	0.56	0	0.89	0.03	0	0	0	17.1	0.3	0	0	24900.3	0.01
253	24	2007	7.87	0	0	3.07	0.55	0	0	0	5.1	0.3	0	0	24903.4	-0.01
254	24	2007	7.11	0	0	2.5	0.54	0	0	0	4.4	0.3	0	0	24905.9	-0.04
255	24	2007	0.51	0	0	4.39	1.56	0	0	0	-4.1	0.3	0	0	24910.3	-0.07
256	24	2007	0	0	0	3.21	1.44	0	0	0	-3.5	0.3	0	0	24913.5	-0.01
257	24	2007	0.51	0	0	3.45	1.22	0	0	0	-3.2	0.3	0	0	24916.9	-0.02
258	24	2007	10.16	0	0	2.56	0.33	0	0	0	7.4	0.3	0	0	24919.5	-0.05
259	24	2007	0.76	0	0	2.05	0.56	0	0	0	-1.5	0.2	0	0	24921.5	0.01
260	24	2007	0	0	0	3.1	0.94	0	0	0	-3.3	0.2	0	0	24924.6	-0.03
261	24	2007	0	0	0	3.04	0.95	0	0	0	-3.3	0.2	0	0	24927.7	-0.02
262	24	2007	0	0	0	3.32	1.01	0	0	0	-3.5	0.2	0	0	24931	-0.03
263	24	2007	0	0	0	2.86	0.83	0	0	0	-3.1	0.2	0	0	24933.8	-0.02
264	24	2007	0	0	0	2.35	0.71	0	0	0	-2.6	0.2	0	0	24936.2	-0.03
265	24	2007	0	0	0	2.22	0.94	0	0	0	-2.4	0.2	0	0	24938.4	-0.01
266	24	2007	0	0	0	1.01	0.72	0	0	0	-1.2	0.2	0	0	24939.4	-0.01
267	24	2007	0	0	0	0.98	0.71	0	0	0	-1.2	0.2	0	0	24940.4	-0.01
268	24	2007	0	0	0	0.41	0.55	0	0	0	-0.7	0.2	0	0	24940.8	0.01
269	24	2007	15.49	0	0	1.97	0.09	0	0	0	13.3	0.2	0	0	24942.8	0.01
270	24	2007	13.72	0	0	1.98	0	0	0	0	11.5	0.2	0	0	24944.8	0
271	24	2007	4.06	0	0	2.1	0	0	0	0	1.8	0.2	0	0	24946.9	0
272	24	2007	0	0	0	2.91	0	0	0	0	-3.1	0.2	0	0	24949.8	0
273	24	2007	0	0	0	2.56	0	0	0	0	-2.8	0.2	0	0	24952.3	0.01
274	24	2007	0	0	0	3.21	0.01	0	0	0	-3.4	0.2	0	0	24955.5	0.01
275	24	2007	0	0	0	2.03	0.01	0	0	0	-2.2	0.2	0	0	24957.6	0
276	24	2007	0	0	0	3.65	0.02	0	0	0	-3.9	0.2	0	0	24961.2	0.01
277	24	2007	0	0	0	2.55	0.02	0	0	0	-2.8	0.2	0	0	24963.8	0
278	24	2007	0	0	0	1.93	0.04	0	0	0	-2.2	0.2	0	0	24965.7	0.01
279	24	2007	5.08	0	0	1.62	0.02	0	0	0	3.3	0.2	0	0	24967.3	0.01
280	24	2007	5.84	0	0	2.42	0.01	0	0	0	3.2	0.2	0	0	24969.7	0.02
281	24	2007	13.46	0	0	0.64	0.01	0	0	0	12.6	0.2	0	0	24970.4	0
282	24	2007	3.56	0	0	1.71	0.01	0	0	0	1.6	0.2	0	0	24972.1	0.01
283	24	2007	0.25	0	0	2.7	0.02	0	0	0	-2.7	0.2	0	0	24974.8	0
284	24	2007	7.11	0.01	0	1.15	0	0	0	0	5.8	0.2	0	0	24975.9	0
285	24	2007	0.25	0	0	2.53	0.01	0	0	0	-2.5	0.2	0	0	24978.5	0
286	24	2007	3.3	0	0	2.76	0.01	0	0	0	0.3	0.2	0	0	24981.2	0
287	24	2007	2.29	0	0	2.21	0.01	0	0	0	-0.1	0.2	0	0	24983.4	0.01
288	24	2007	0	0	0	1.16	0.01	0	0	0	-1.4	0.2	0	0	24984.6	0
289	24	2007	0	0	0	2.07	0.02	0	0	0	-2.3	0.2	0	0	24986.7	0.01
290	24	2007	0.25	0	0	1.52	0.03	0	0	0	-1.5	0.2	0	0	24988.2	0
291	24	2007	0	0	0	1	0.03	0	0	0	-1.2	0.2	0	0	24989.2	-0.01
292	24	2007	9.65	0	0	0.97	0.02	0	0	0	8.5	0.2	0	0	24990.1	0.01
293	24	2007	0	0	0	2.73	0.03	0	0	0	-2.9	0.2	0	0	24992.9	0
294	24	2007	0	0	0	2.77	0.09	0	0	0	-3.0	0.2	0	0	24995.7	0
295	24	2007	0	0	0	2.13	0.11	0	0	0	-2.3	0.2	0	0	24997.8	-0.01
296	24	2007	38.86	0	0	0.91	0.01	0	0	0	37.8	0.2	0	0	24998.7	0
297	24	2007	0	0	0	1.56	0.03	0	0	0	-1.8	0.2	0	0	25000.3	0
298	24	2007	0	0	0	2.05	0.04	0	0	0	-2.2	0.2	0	0	25002.3	0
299	24	2007	3.56	0	0	1.4	0.01	0	0	0	2.0	0.2	0	0	25003.7	0
300	24	2007	8.64	0	0	0.81	0.01	0	0	0	7.7	0.2	0	0	25004.5	0
301	24	2007	0	0	0	2.97	0.03	0	0	0	-3.2	0.2	0	0	25007.5	0
302	24	2007	0	0	0	1.67	0.03	0	0	0	-1.9	0.2	0	0	25009.1	0
303	24	2007	0	0	0	1.76	0.06	0	0	0	-1.9	0.2	0	0	25010.9	0.01
304	24	2007	0	0	0	2.14	0.09	0	0	0	-2.3	0.2	0	0	25013	0
305	24	2007	1.02	0	0	3.55	0.05	0	0	0	-2.7	0.2	0	0	25016.6	0
306	24	2007	0	0	0	1.91	0.05	0	0	0	-2.1	0.2	0	0	25018.5	0
307	24	2007	0	0	0	1.37	0.04	0	0	0	-1.5	0.2	0	0	25019.9	0
308	24	2007	0.25	0	0	0.72	0.02	0	0	0	-0.6	0.2	0	0	25020.6	0.01
309	24	2007	1.78	0	0	1.75	0.03	0	0	0	-0.1	0.2	0	0	25022.3	0
310	24	2007	2.29	0	0	2.04	0.02	0	0	0	0.1	0.2	0	0	25024.4	-0.01
311	24	2007	3.05	0	0	1.56	0	0	0	0	1.3	0.2	0	0	25025.9	-0.01
312	24	2007	0	0	0	1.21	0	0	0	0	-1.4	0.2	0	0	25027.2	0
313	24	2007	0.25	0	0	1.24	0.03	0	0	0	-1.1	0.2	0	0	25028.4	-0.01
314	24	2007	0.51	0	0	0.75	0.02	0	0	0	-0.4	0.2	0	0	25029.1	0
315	24	2007	0	0	0	0.86	0.03	0	0	0	-1.0	0.2	0	0	25030	0
316	24	2007	5.08	0	0	0.54	0	0	0	0	4.4	0.2	0	0	25030.5	-0.01
317	24	2007	1.02	0	0	0.72	0.02	0	0	0	0.2	0.2	0	0	25031.3	0
318	24	2007	1.02	0	0	0.96	0.04	0	0	0	-0.1	0.2	0	0	25032.2	-0.01
319	24	2007	27.43	0	0	0.54	0	0	0	0	26.7	0.2	0	0	25032.8	0
320	24	2007	3.3	0	0	1.71	0	0	0	0	1.5	0.2	0	0	25034.5	0
321	24	2007	1.52	0	0	0.37	0	0	1.71	0	-0.7	0.2	0	0	25034.8	-0.01
322	24	2007	0	0	0	0.02	0	0	0.58	0	-0.8	0.2	0	0	25034.9	0
323	24	2007	0	0	0.58	0.09	0	0	-0.31	0	0.1	0.2	0	0	25034.9	0
324	24	2007	18.8	0	20.7	-0.05	0	0	-1.98	0	20.7	0.2	0	0	25034.9	-0.01
325	24	2007	3.05	0.04	0	0.25	0	0	0	0	2.6	0.2	0	0	25035.1	0
326	24	2007	3.3	0.05	0	0.64	0	0	0	0	2.5	0.2	0	0	25035.8	0
327	24	2007	0.51	0	0.48	2.07	0	0	0	0	-2.1	0.2	0	0.48	25037.8	0
328	24	2007	0	0	0	0.79	0	0	0	0	-0.5	0.2	0	0	25038.6	0
329	24	2007	0	0	0	0.74	0.07	0	0	0	-0.9	0.2	0	0	25039.4	0
330	24	2007	25.65	0.12	0	-0.06	0	0	0	0	5.9	0.2	19.53	0	25039.3	0
331	24	2007	4.57	0	0	1.02	0.01	0	0	0	3.5	0.1	0	0	25040.3	-0.01
332	24	2007	0.25	0	0	1.25	0	0	0	0	-1.1	0.1	0	0	25041.6	0
333	24	2007	0	0	0	3.23	0.07	0	0	0	-3.4	0.1	0	0	25044.8	0
334	24	2007	0	0	0	3.4	0	0	0	0	-3.5	0.1	0	0	25048.2	0
335	24	2007	2.29	0	0	0.62	0	0	2.21	0	-0.7	0.1	0	0	25048.8	0
336	24	2007	11.43	0	0	0.24	0	0	11.36	0	-0.3	0.1	0	0	25049.1	0
337	24	2007	18.54	0	0.18	0.21	0	0	18.16	0	0.0	0.1	0	0	25049.3	0
338	24	2007	2.03	0	0	-0.12	0	0	2.2	0	-0.2	0.1	0	0	25049.2	0
339	24	2007	0.25	0	0	-0.11	0	0	0.47	0	-0.2	0.1	0	0	25049	0
340	24	2007	0.25	0	0	-0.09	0	0	0.48	0	-0.3	0.1	0	0	25049	0
341	24	2007	0	0	0	0.05	0	0	0.05	0	-0.2	0.1	0	0	25049	0
342	24	2007	0	0	0	0.22	0	0	-0.19	0	-0.2	0.1	0	0	25049.2	0
343	24	2007	1.02	0	0	-0.01	0	0	1.12	0	-0.2	0.1	0	0	25049.2	0
344	24	2007	0.76	0	0	-0.1	0	0	0.96	0	-0.2	0.1	0	0	25049.1	0
345	24	2007	7.87	0	0	-0.04	0	0	7.96	0	-0.2	0.1	0	0	25049.1	0
346	24	2007	9.65	0	0	0.12	0	0	9.55	0	-0.2	0.1	0	0	25049.2	0
347	24	2007	8.64	0	0	0.16	0	0	8.51	0	-0.2	0.1	0	0	25049.4	0
348	24	2007	0.25	0	0	0.18	0	0	0.1	0	-0.2	0.1	0	0	25049.5	0
349	24	2007	1.78	0	0	-0.01	0	0	1.84	0	-0.2	0.1	0	0	25049.5	0
350	24	2007	23.11	0	0	0.17	0	0	23	0	-0.2	0.1	0	0	25049.7	0
351	24	2007	1.78	0	0	-0.01	0	0	1.82	0	-0.2	0.1	0	0	25049.7	0
352	24	2007	0.51	0	0	-0.04	0	0	0.58	0	-0.2	0.1	0	0	25049.6	0
353	24	2007	0	0	0	0.03	0	0	0	0	-0.2	0.1	0	0	25049.7	0
354	24	2007	0.51	0	0	0.01	0	0	0.52	0	-0.2	0.1	0	0	25049.7	0
355	24	2007	0	0	0	-0.06	0	0	0.08	0	-0.2	0.1	0	0	25049.6	0
356	24	2007	0	0	0	0.08	0	0	-0.06	0	-0.2	0.1	0	0	25049.7	0
357	24	2007	19.56	0	34.7	-0.65	0	0	-14.5	0	34.6	0.1	0	0	25049.1	-0.01
358	24	2007	0.51	0	4.26	0.72	0	0	-4.47	0	4.1	0.1	0	0	25049.8	0
359	24	2007	0	0	0.05	0.15	0	0	-0.2	0	-0.1	0.1	0	0	25049.9	0
360	24	2007	0	0	0	-0.09	0	0	0.12	0	-0.2	0.1	0	0	25049.8	0
361	24	2007	5.84	0	4.42	0.02	0	0	1.42	0	4.3	0.1	0	0	25049.9	0
362	24	2007	0.51	0	2.43	-0.04	0	0	-1.88	0	2.3	0.1	0	0	25049.8	0
363	24	2007	2.54	0	12.24	0.21	0	0	-9.91	0	12.1	0.1	0	0	25050	0.01
364	24	2007	0.76	0	3.67	0.17	0	0	-3.04	0	3.5	0.1	0	0	25050.2	0
365	24	2007	7.37	0	0.75	0.03	0	0	6.63	0	0.6	0.1	0	0	25050.2	0
1	24	2008	2.03	0	0.83	0.08	0	0	1.17	0	0.7	0.1	0	0	25050.3	0
2	24	2008	0	0	0.04	0.2	0	0	-0.18	0	-0.2	0.1	0	0	25050.5	0

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DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
3	24	2008	0	0	0	-0.02	0	0	0.14	0	-0.3	0.1	0	0	25050.5	0
4	24	2008	0	0	0	0.02	0	0	0.08	0	-0.2	0.1	0	0	25050.5	0
5	24	2008	0	0	0	0.06	0	0	0	0	-0.2	0.1	0	0	25050.6	0
6	24	2008	0	0	1.71	-0.09	0	0	-1.61	0	1.6	0.1	0	0	25050.5	0
7	24	2008	0.25	0	29.38	-1.07	0	0	-28.06	0	29.3	0.1	0	0	25049.4	0
8	24	2008	0	0	35.98	-0.78	0.17	0	-35.03	0	35.8	0.1	0	0	25048.6	-0.15
9	24	2008	2.29	0	0.2	3.31	0.21	0	-1.39	0	0.3	0.1	0	0	25051.9	-0.02
10	24	2008	0	0	0	0.95	0	0	0	0	-1.1	0.1	0	0	25052.9	-0.01
11	24	2008	15.49	0	0	0.64	0.02	0	0	0	14.7	0.1	0	0	25053.5	0
12	24	2008	0.51	0	0	1.03	0.05	0	0	0	-0.6	0.1	0	0	25054.5	-0.01
13	24	2008	0	0	0	0.56	0	0	0	0	-0.7	0.1	0	0	25055.1	0
14	24	2008	4.32	0.13	0	0.34	0	0	0	0	3.7	0.1	0	0	25055.4	0.01
15	24	2008	0.51	0	0.45	1.34	0	0	0	0	-0.8	0.1	0	0	25056.8	-0.01
16	24	2008	0	0	0	0.92	0	0	0	0	-1.1	0.1	0	0	25057.7	0
17	24	2008	0	0	0	0.72	0	0	0	0	-0.9	0.1	0	0	25058.4	-0.01
18	24	2008	0	0	0	1.43	0	0	0	0	-1.6	0.1	0	0	25059.9	0
19	24	2008	0	0	0	1.73	0	0	0	0	-1.9	0.2	0	0	25061.6	-0.02
20	24	2008	0	0	0	1.98	0	0	0	0	-2.1	0.2	0	0	25063.6	-0.02
21	24	2008	0	0	0	1.6	0	0	0	0	-1.7	0.2	0	0	25065.2	-0.01
22	24	2008	0	0	0	1.06	0	0	0	0	-1.2	0.2	0	0	25066.2	0
23	24	2008	0	0	0	1.26	0	0	0	0	-1.4	0.2	0	0	25067.5	-0.02
24	24	2008	0.25	0	0.22	0.65	0	0	0	0	-0.8	0.2	0	0.22	25068.1	-0.01
25	24	2008	1.78	0	0	0.6	0	0	1.74	0	-0.5	0.2	0	0	25068.7	-0.01
26	24	2008	0.51	0	0	0.19	0	0	0.54	0	-0.4	0.2	0	0	25068.9	0
27	24	2008	0.25	0	0	0.05	0	0	0.39	0	-0.4	0.2	0	0	25069	0
28	24	2008	0	0	0	0.01	0	0	0.17	0	-0.4	0.2	0	0	25069	0
29	24	2008	5.08	0	0.3	0.2	0	0	4.59	0	0.1	0.2	0	0	25069.2	0
30	24	2008	1.02	0	4.35	0.62	0.13	0	-3.68	0	3.9	0.2	0	0	25069.8	-0.01
31	24	2008	0	0	0	0.28	0	0	0.07	0	-0.6	0.2	0	0	25070.1	0
32	24	2008	39.37	0	0	0.21	0	0	39.2	0	-0.3	0.3	0	0	25070.3	0
33	24	2008	1.52	0	0	0.12	0	0	1.39	0	-0.2	0.3	0	0	25070.4	0
34	24	2008	0	0	0	0.04	0	0	-0.06	0	-0.3	0.3	0	0	25070.5	0
35	24	2008	0	0	0	0.06	0	0	-0.07	0	-0.3	0.3	0	0	25070.5	0
36	24	2008	15.49	0	20.63	-0.19	0	0	-5.01	0	1.9	0.3	18.48	0	25070.3	0
37	24	2008	22.61	0	23.96	-0.02	0	0	-1.36	0	-0.2	0.3	23.85	0	25070.3	-0.02
38	24	2008	1.02	0	0	0.08	0	0	0.96	0	-0.4	0.3	0	0	25070.4	0
39	24	2008	0	0	0	-0.02	0	0	0.07	0	-0.4	0.3	0	0	25070.4	0
40	24	2008	0	0	0.46	0.01	0	0	-0.45	0	-0.4	0.4	0.46	0	25070.4	0
41	24	2008	1.02	0	0	0.51	0	0	0.58	0	-0.4	0.4	0	0	25070.9	0
42	24	2008	0	0	0	0.56	0	0	-0.46	0	-0.5	0.4	0	0	25071.4	0
43	24	2008	6.35	0	0	0.01	0	0	6.41	0	-0.4	0.4	0	0	25071.5	0
44	24	2008	7.11	0	0	0.11	0	0	7.02	0	-0.4	0.4	0	0	25071.6	0
45	24	2008	1.02	0	0	0.02	0	0	1.02	0	-0.4	0.4	0	0	25071.6	0
46	24	2008	0.25	0	0	0.41	0	0	-0.14	0	-0.4	0.4	0	0	25072	0
47	24	2008	2.29	0	0	0	0	0	2.32	0	-0.4	0.4	0	0	25072	0
48	24	2008	1.02	0	0.3	0.39	0	0	0.32	0	-0.4	0.4	0.3	0	25072.4	0
49	24	2008	0	0	13.18	-0.23	0.01	0	-13	0	-0.2	0.4	13.03	0	25072.2	0
50	24	2008	0	0	0.2	0.87	0	0	-1.05	0	-0.4	0.4	0.18	0	25073	0
51	24	2008	0.25	0	0	0.41	0	0	-0.1	0	-0.5	0.4	0	0	25073.4	0
52	24	2008	0.25	0	0	0.16	0	0	0.14	0	-0.5	0.4	0	0	25073.6	0
53	24	2008	3.3	0	0	0.1	0	0	3.23	0	-0.5	0.4	0	0	25073.7	0
54	24	2008	0	0	0	0.08	0	0	-0.04	0	-0.5	0.4	0	0	25073.8	0
55	24	2008	0.25	0	0	0.08	0	0	0.21	0	-0.5	0.4	0	0	25073.9	0
56	24	2008	0	0	0	0.01	0	0	0.03	0	-0.5	0.4	0	0	25073.9	0
57	24	2008	11.43	0	0	0.03	0	0	11.4	0	-0.5	0.4	0	0	25073.9	0
58	24	2008	0.25	0	0	0.31	0	0	-0.04	0	-0.5	0.4	0	0	25074.2	0
59	24	2008	0.25	0	0	0.08	0	0	0.21	0	-0.5	0.4	0	0	25074.3	0
60	24	2008	2.03	0	0	0.01	0	0	2.06	0	-0.5	0.4	0	0	25074.3	0
61	24	2008	1.27	0	0	0.2	0	0	1.08	0	-0.5	0.4	0	0	25074.5	0
62	24	2008	0.25	0	0	0.04	0	0	0.23	0	-0.5	0.4	0	0	25074.5	0
63	24	2008	0.51	0	3.76	0.03	0.01	0	-3.29	0	-0.4	0.4	3.7	0	25074.6	0
64	24	2008	5.84	0	8.51	0.12	0.04	0	-2.78	0	-0.2	0.4	8.22	0	25074.7	0.01
65	24	2008	7.11	0	0	0.29	0	0	6.82	0	-0.4	0.4	0	0	25075	0
66	24	2008	0	0	0.46	0.01	0.03	0	-0.45	0	-0.1	0.4	0.05	0	25075	0
67	24	2008	10.92	0	10.48	0.1	0.05	0	0.38	0	-0.2	0.4	10.22	0	25075.1	0
68	24	2008	22.35	0	0	0.01	0	0	22.35	0	-0.4	0.4	0	0	25075.1	0
69	24	2008	0	0	0	0.65	0	0	-0.65	0	-0.4	0.4	0	0	25075.8	0
70	24	2008	0	0	0	0.07	0	0	-0.07	0	-0.4	0.4	0	0	25075.8	0
71	24	2008	0	0	0.19	0.05	0	0	-0.23	0	-0.4	0.4	0.19	0	25075.9	0
72	24	2008	1.52	0	0	0.31	0	0	1.22	0	-0.4	0.4	0	0	25076.2	0
73	24	2008	0.25	0	0	0.27	0	0	-0.01	0	-0.4	0.4	0	0	25076.5	0
74	24	2008	1.78	0	3.13	-0.09	0	0	-1.27	0	-0.3	0.4	3.05	0	25076.4	0
75	24	2008	0.76	0	2.52	-0.02	0	0	-1.74	0	0.0	0.4	2.07	0	25076.3	0
76	24	2008	0	0	0.99	0.27	0	0	-1.27	0	-0.2	0.4	0.76	0	25076.6	0
77	24	2008	0	0	1.86	0.32	0	0	-2.17	0	-0.3	0.4	1.7	0	25076.9	0
78	24	2008	0.76	0	5.07	0.42	0.12	0	-4.61	0	-0.3	0.4	4.83	0	25077.4	0
79	24	2008	16.26	0.06	21.75	0.06	0	0	-5.62	0	0.3	0.4	21.04	0	25077.4	0
80	24	2008	2.54	0	11.16	0.67	0	0	-9.22	0	0.2	0.4	10.56	0	25078.1	0
81	24	2008	0	0	6.76	1.22	0	0	-7.96	0	-0.1	0.4	6.43	0	25079.3	0
82	24	2008	0	0	1.23	0.98	0	0	-2.19	0	-0.3	0.4	1.09	0	25080.3	0.01
83	24	2008	0	0	0	0.81	0	0	-0.77	0	-0.5	0.4	0	0	25081.1	0.01
84	24	2008	0	0	0	0.51	0	0	-0.49	0	-0.4	0.4	0	0	25081.6	0.01
85	24	2008	0.51	0	1.83	1	0.24	0	-2.06	0	-0.7	0.4	1.83	0	25082.6	-0.01
86	24	2008	1.02	0	7.57	0.65	0.3	0	-6.9	0	-0.7	0.4	7.57	0	25083.2	0.01
87	24	2008	2.79	0	6.38	0.61	0.15	0	-4.04	0	-0.6	0.4	6.37	0	25083.9	0
88	24	2008	11.43	0	0.9	0.33	0	0	10.2	0	-0.4	0.4	0.89	0	25084.2	0
89	24	2008	0	0	0.11	0.44	0	0	-0.53	0	-0.4	0.4	0.03	0	25084.6	0
90	24	2008	0	0	4.49	0.57	0.16	0	-4.85	0	-0.5	0.4	4.38	0	25085.2	0
91	24	2008	21.34	0	32.62	0.38	0.12	0	-11.55	0	-0.1	0.4	32.19	0	25085.6	0.01
92	24	2008	1.02	0	28.03	-0.24	0.48	0	-26.15	0	-0.3	0.4	27.3	0	25085.3	-0.02
93	24	2008	0	0	0	3.68	0	0	0	0	-4.1	0.4	0	0	25089	-0.01
94	24	2008	0	0	0	2.34	0.6	0	0	0	-2.7	0.4	0	0	25091.4	-0.01
95	24	2008	6.35	0	0	0.54	0	0	0	0	5.4	0.4	0	0	25091.9	0.01
96	24	2008	0.25	0	0	2.06	0.48	0	0	0	-2.2	0.4	0	0	25093.9	-0.02
97	24	2008	0	0	0	3.1	0.63	0	0	0	-3.5	0.4	0	0	25097.1	-0.02
98	24	2008	0	0	0	3.8	0.77	0	0	0	-4.2	0.4	0	0	25100.9	-0.02
99	24	2008	0	0	0	3.47	0.87	0	0	0	-3.8	0.4	0	0	25104.3	-0.02
100	24	2008	0	0	0	4.16	1.01	0	0	0	-4.5	0.4	0	0	25108.5	-0.01
101	24	2008	0	0	0	3.65	0.65	0	0	0	-4.0	0.4	0	0	25112.1	-0.02
102	24	2008	12.7	0	0	1.24	0.06	0	0	0	11.1	0.4	0	0	25113.4	-0.01
103	24	2008	4.83	0	0	2.2	0.43	0	0	0	2.3	0.4	0	0	25115.6	-0.02
104	24	2008	0.51	0	0	3.37	0.27	0	0	0	-3.2	0.4	0	0	25118.9	-0.03
105	24	2008	0	0	0	3.72	0.56	0	0	0	-4.1	0.4	0	0	25122.7	0
106	24	2008	0	0	0	3.42	0.65	0	0	0	-3.8	0.4	0	0	25126.1	-0.01
107	24	2008	0	0	0	3.76	0.98	0	0	0	-4.1	0.4	0	0	25129.8	-0.01
108	24	2008	0	0	0	4.09	1.24	0	0	0	-4.5	0.4	0	0	25133.9	-0.01
109	24	2008	0	0	0	3.87	1.21	0	0	0	-4.2	0.4	0	0	25137.8	-0.01
110	24	2008	0	0	0	5.02	1.58	0	0	0	-5.4	0.4	0	0	25142.8	-0.04
111	24	2008	0	0	0	6.31	1.5	0	0	0	-6.7	0.4	0	0	25149.1	-0.02
112	24	2008	0	0	0	4.97	1.33	0	0	0	-5.3	0.4	0	0	25154.1	-0.03
113	24	2008	0	0	0	4.75	1.4	0	0	0	-5.1	0.4	0	0	25158.8	-0.03
114	24	2008	0	0	0	4.43	1.21	0	0	0	-4.8	0.4	0	0	25163.3	-0.01
115	24	2008	0	0	0	5.19	1.21	0	0	0	-5.5	0.4	0	0	25168.5	-0.03
116	24	2008	0	0	0	4.02	1.2	0	0	0	-4.4	0.4	0	0	25172.5	-0.02
117	24	2008	33.02	0	0	5.12	1.26	0	0	0	27.5	0.4	0	0	25177.6	-0.02
118	24	2008	0	0	0	4.21	0.98	0	0	0	-4.6	0.4	0	0	25181.8	-0.01
119	24	2008	18.03	0	0	1.94	0.24	0	0	0	15.7	0.4	0	0	25183.8	-0.01
120	24	2008	0	0	0	3.66	0.5	0	0	0	-4.0	0.4	0	0	25187.4	-0.03
121	24	2008	0	0	0	4.06	0.6	0	0	0	-4.4	0.4	0	0	25191.5	-0.01
122	24	2008	0.25	0	0	3.56	0.74	0	0	0	-3.7	0.4	0	0	25195	-0.01
123	24	2008	5.59	0	0	1.83	0.15	0	0	0	3.4	0.4	0	0	25196.9	-0.01
124	24	2008	5.33	0	0	3.72	0.76	0	0	0	1.2	0.4	0	0	25200.6	-0.01
125	24	2008	1.78	0	0	3.05	0.45	0	0	0	-1.6	0.4	0	0	25203.6	-0.03
126	24	2008	0	0	0	4.13	1.01	0	0	0	-4.5	0.4	0	0	25207.8	0
127	24	2008	0	0	0	4.85	1.17	0	0	0	-5.2	0.4	0	0	25212.6	-0.03
128	24	2008	2.54	0	0	3.66	0.88	0	0	0	-1.5	0.4	0	0	25216.3	-0.02
129	24	2008	0.25	0	0	4.21	0.64	0	0	0	-4.3	0.4	0	0	25220.5	-0.02
130	24	2008	0	0	0	3.57	0.85	0	0	0	-4.0	0.4	0	0	25224.1	-0.01
131	24	2008	0	0	0	3.89	0.94	0	0	0	-4.3	0.4	0	0	25228	-0.01
132	24	2008	0	0	0	4.54	1.23	0	0	0	-4.9	0.4	0	0	25232.5	-0.03
133	24	2008	0	0	0	4.57	1.17	0	0	0	-5.0	0.4	0	0	25237.1	-0.02
134	24	2008	0	0	0	5.04	1.31	0	0	0	-5.4	0.4	0	0	25242.1	-0.01
135	24	2008	0.25	0	0	4.4	1.4	0	0	0	-4.6	0.4	0	0	25246.5	-0.01
136	24	2008	2.54	0	0	2.81	0.45	0	0	0	-0.7	0.4	0	0	25249.3	-0.02
137	24	2008	0.25	0	0	1.4	0.41	0	0	0	-1.5	0.4	0	0	25250.7	-0.01
138	24	2008	9.91	0	0	3.5	0.71	0	0	0	6.0	0.4	0	0	25254.2	-0.02
139	24	2008	2.54	0	0	2.32	0.3	0	0	0	-0.2	0.4	0	0	25256.5	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
140	24	2008	0	0	0	3.03	0.55	0	0	0	-3.4	0.4	0	0	25259.6	-0.05
141	24	2008	0	0	0	3.26	0.94	0	0	0	-3.7	0.4	0	0	25262.8	-0.01
142	24	2008	0.51	0	0	2.67	0.54	0	0	0	-2.6	0.4	0	0	25265.5	-0.02
143	24	2008	7.62	0	0	2.72	0.37	0	0	0	4.5	0.4	0	0	25268.2	-0.03
144	24	2008	0	0	0	4.53	0.98	0	0	0	-4.9	0.4	0	0	25272.7	-0.01
145	24	2008	0	0	0	4.99	1.13	0	0	0	-5.4	0.4	0	0	25277.7	-0.02
146	24	2008	0	0	0	4.87	1.37	0	0	0	-5.3	0.4	0	0	25282.6	-0.01
147	24	2008	0	0	0	3.82	1.42	0	0	0	-4.2	0.4	0	0	25286.4	-0.01
148	24	2008	4.57	0	0	3.59	0.8	0	0	0	0.6	0.4	0	0	25290	-0.02
149	24	2008	0	0	0	5.04	1.06	0	0	0	-5.4	0.4	0	0	25295.1	-0.02
150	24	2008	0	0	0	6.08	1.7	0	0	0	-6.5	0.4	0	0	25301.1	-0.02
151	24	2008	0	0	0	3.26	1.49	0	0	0	-3.7	0.4	0	0	25304.4	0
152	24	2008	1.27	0	0	2.99	1.59	0	0	0	-2.1	0.4	0	0	25307.4	0.01
153	24	2008	0.25	0	0	1.57	1.12	0	0	0	-1.7	0.4	0	0	25309	-0.01
154	24	2008	0	0	0	2.95	2.45	0	0	0	-3.3	0.4	0	0	25311.9	-0.01
155	24	2008	0	0	0	0.94	1.1	0	0	0	-1.3	0.4	0	0	25312.8	-0.01
156	24	2008	0	0	0	1.38	1.36	0	0	0	-1.8	0.4	0	0	25314.2	0
157	24	2008	0.51	0	0	2.47	1.76	0	0	0	-2.4	0.4	0	0	25316.7	0
158	24	2008	24.64	0	0	4.24	1.43	0	0	0	20.1	0.4	0	0	25320.9	-0.05
159	24	2008	0	0	0	5.75	1.89	0	0	0	-6.1	0.4	0	0	25326.7	-0.05
160	24	2008	1.02	0	0	5.24	1.61	0	0	0	-4.6	0.4	0	0	25331.9	-0.01
161	24	2008	0	0	0	6.84	2.41	0	0	0	-7.2	0.4	0	0	25338.8	-0.04
162	24	2008	6.86	0	0	5.27	1.46	0	0	0	1.2	0.4	0	0	25344	-0.03
163	24	2008	0	0	0	6.45	1.78	0	0	0	-6.8	0.4	0	0	25350.5	-0.03
164	24	2008	0	0	0	4.82	1.76	0	0	0	-5.2	0.4	0	0	25355.3	-0.02
165	24	2008	0	0	0	2.83	2.61	0	0	0	-3.2	0.4	0	0	25358.1	-0.01
166	24	2008	0	0	0	1.02	1.33	0	0	0	-1.4	0.4	0	0	25359.2	0
167	24	2008	0.51	0	0	3.01	2.14	0	0	0	-2.9	0.4	0	0	25362.2	-0.02
168	24	2008	12.45	0	0	4.06	1.18	0	0	0	8.0	0.4	0	0	25366.2	-0.01
169	24	2008	0.25	0	0	4.83	1.16	0	0	0	-4.9	0.4	0	0	25371.1	-0.02
170	24	2008	2.29	0	0	3.72	0.74	0	0	0	-1.8	0.4	0	0	25374.8	-0.02
171	24	2008	0.51	0	0	4.01	1.08	0	0	0	-3.9	0.4	0	0	25378.8	-0.02
172	24	2008	2.79	0	0	3.96	0.9	0	0	0	-1.5	0.4	0	0	25382.7	-0.01
173	24	2008	4.32	0	0	5.19	1.27	0	0	0	-1.2	0.4	0	0	25387.9	-0.02
174	24	2008	0.51	0	0	3.48	1.13	0	0	0	-3.3	0.4	0	0	25391.4	-0.01
175	24	2008	14.99	0	0	4.52	1.11	0	0	0	10.1	0.4	0	0	25395.9	-0.02
176	24	2008	0	0	0	4.78	1.25	0	0	0	-5.1	0.4	0	0	25400.7	-0.02
177	24	2008	0	0	0	5.68	1.75	0	0	0	-6.0	0.4	0	0	25406.4	-0.03
178	24	2008	2.54	0	0	3.11	0.8	0	0	0	-0.9	0.4	0	0	25409.5	0.01
179	24	2008	7.87	0	0	3.18	0.78	0	0	0	4.4	0.4	0	0	25412.7	-0.01
180	24	2008	0	0	0	3.18	1.13	0	0	0	-3.5	0.3	0	0	25415.9	-0.03
181	24	2008	10.67	0	0	4.7	1.24	0	0	0	5.7	0.3	0	0	25420.6	-0.03
182	24	2008	1.52	0	0	4.79	1.2	0	0	0	-3.6	0.3	0	0	25425.4	-0.02
183	24	2008	0	0	0	4.54	1.44	0	0	0	-4.9	0.3	0	0	25429.9	-0.02
184	24	2008	0	0	0	5.71	1.76	0	0	0	-6.0	0.3	0	0	25435.6	-0.02
185	24	2008	10.92	0	0	2.61	0.73	0	0	0	8.0	0.3	0	0	25438.2	-0.01
186	24	2008	0	0	0	4.73	1.39	0	0	0	-5.1	0.3	0	0	25442.9	-0.01
187	24	2008	0	0	0	3.31	1.18	0	0	0	-3.6	0.3	0	0	25446.2	-0.01
188	24	2008	0	0	0	4.72	1.69	0	0	0	-5.0	0.3	0	0	25451	-0.02
189	24	2008	0	0	0	2.62	2.22	0	0	0	-2.9	0.3	0	0	25453.6	-0.01
190	24	2008	0	0	0	2.1	2.13	0	0	0	-2.4	0.3	0	0	25455.7	-0.01
191	24	2008	0	0	0	0.94	1.17	0	0	0	-1.2	0.3	0	0	25456.6	-0.01
192	24	2008	0	0	0	1.63	1.27	0	0	0	-1.9	0.3	0	0	25458.3	-0.01
193	24	2008	2.79	0	0	1.52	0.29	0	0	0	1.0	0.3	0	0	25459.8	0
194	24	2008	0	0	0	2.93	1.29	0	0	0	-3.2	0.3	0	0	25462.7	-0.01
195	24	2008	24.89	0	0	2.37	0.69	0	0	0	22.2	0.3	0	0	25465.1	-0.01
196	24	2008	0	0	0	5.1	1.69	0	0	0	-5.4	0.3	0	0	25470.2	-0.03
197	24	2008	0	0	0	5.59	1.71	0	0	0	-5.9	0.3	0	0	25475.8	-0.02
198	24	2008	0	0	0	5.18	1.85	0	0	0	-5.5	0.3	0	0	25480.9	-0.02
199	24	2008	0	0	0	3.43	1.58	0	0	0	-3.7	0.3	0	0	25484.4	0
200	24	2008	0	0	0	2.58	2.18	0	0	0	-2.9	0.3	0	0	25487	0
201	24	2008	0	0	0	1.92	1.88	0	0	0	-2.2	0.3	0	0	25488.9	-0.02
202	24	2008	20.83	0	0	2.79	0.88	0	0	0	17.8	0.3	0	0	25491.7	-0.02
203	24	2008	5.84	0	0	4.37	0.95	0	0	0	1.2	0.3	0	0	25496	-0.02
204	24	2008	3.81	0	0	2.84	0.54	0	0	0	0.7	0.3	0	0	25498.9	-0.01
205	24	2008	16	0	0	2.28	0.36	0	0	0	13.5	0.3	0	0	25501.2	-0.04
206	24	2008	15.24	0	0	3.17	0.63	0	0	0	11.8	0.3	0	0	25504.3	-0.02
207	24	2008	0	0	0	5.53	2.12	0	0	0	-5.8	0.3	0	0	25509.9	-0.03
208	24	2008	1.02	0	0	3.71	1.45	0	0	0	-3.0	0.3	0	0	25513.6	0
209	24	2008	0	0	0	5.45	1.92	0	0	0	-5.7	0.3	0	0	25519	-0.01
210	24	2008	1.78	0	0	4.55	1.42	0	0	0	-3.0	0.3	0	0	25523.6	-0.01
211	24	2008	0	0	0	5.15	1.62	0	0	0	-5.4	0.3	0	0	25528.7	-0.02
212	24	2008	0	0	0	2.77	1.19	0	0	0	-3.0	0.3	0	0	25531.5	-0.02
213	24	2008	0	0	0	2.58	1.12	0	0	0	-2.8	0.3	0	0	25534.1	-0.01
214	24	2008	0	0	0	4.77	1.68	0	0	0	-5.0	0.3	0	0	25538.8	-0.02
215	24	2008	6.1	0	0	2.63	0.51	0	0	0	3.2	0.3	0	0	25541.5	-0.01
216	24	2008	4.83	0	0	3.51	0.7	0	0	0	1.1	0.3	0	0	25545	-0.03
217	24	2008	0	0	0	4.15	1.54	0	0	0	-4.4	0.3	0	0	25549.1	-0.02
218	24	2008	0	0	0	4.87	1.78	0	0	0	-5.1	0.3	0	0	25554	-0.02
219	24	2008	1.52	0	0	4.62	1.37	0	0	0	-3.3	0.3	0	0	25558.6	-0.01
220	24	2008	14.48	0	0	3.13	0.65	0	0	0	11.1	0.3	0	0	25561.8	-0.03
221	24	2008	8.64	0	0	2.58	0.39	0	0	0	5.8	0.3	0	0	25564.3	-0.03
222	24	2008	1.02	0	0	4.74	1.45	0	0	0	-4.0	0.3	0	0	25569.1	-0.02
223	24	2008	5.33	0	0	3.64	0.81	0	0	0	1.5	0.2	0	0	25572.7	0
224	24	2008	8.64	0	0	2.57	0.46	0	0	0	5.8	0.2	0	0	25575.3	0.01
225	24	2008	0	0	0	4.28	1.42	0	0	0	-4.5	0.2	0	0	25579.6	-0.02
226	24	2008	9.14	0	0	3.16	0.75	0	0	0	5.8	0.2	0	0	25582.7	-0.01
227	24	2008	0	0	0	4.13	1.51	0	0	0	-4.4	0.2	0	0	25586.9	-0.02
228	24	2008	0	0	0	2.89	1.18	0	0	0	-3.1	0.2	0	0	25589.7	-0.01
229	24	2008	1.52	0	0	3.96	1.19	0	0	0	-2.7	0.2	0	0	25593.7	-0.02
230	24	2008	0	0	0	4.38	1.66	0	0	0	-4.6	0.2	0	0	25598.1	-0.02
231	24	2008	0	0	0	4.75	1.89	0	0	0	-5.0	0.2	0	0	25602.8	-0.01
232	24	2008	12.95	0	0	5	1.21	0	0	0	7.8	0.2	0	0	25607.8	-0.03
233	24	2008	0	0	0	4.15	1.45	0	0	0	-4.4	0.2	0	0	25612	-0.01
234	24	2008	0	0	0	4.09	1.55	0	0	0	-4.3	0.2	0	0	25616.1	-0.02
235	24	2008	0	0	0	4.44	1.84	0	0	0	-4.7	0.2	0	0	25620.5	-0.01
236	24	2008	0	0	0	4.23	1.73	0	0	0	-4.4	0.2	0	0	25624.8	-0.02
237	24	2008	0	0	0	4.1	1.9	0	0	0	-4.3	0.2	0	0	25628.9	-0.01
238	24	2008	0	0	0	1.91	1.34	0	0	0	-2.1	0.2	0	0	25630.8	-0.02
239	24	2008	0	0	0	2.52	1.97	0	0	0	-2.7	0.2	0	0	25633.3	-0.01
240	24	2008	0	0	0	1.92	1.91	0	0	0	-2.1	0.2	0	0	25635.2	-0.01
241	24	2008	0	0	0	1.29	1.42	0	0	0	-1.5	0.2	0	0	25636.5	0
242	24	2008	6.35	0	0	1.23	0.12	0	0	0	4.9	0.2	0	0	25637.7	-0.01
243	24	2008	3.05	0	0	3.28	0.75	0	0	0	-0.4	0.2	0	0	25641	-0.02
244	24	2008	0	0	0	4.04	1.44	0	0	0	-4.2	0.2	0	0	25645	-0.02
245	24	2008	0	0	0	3.71	1.39	0	0	0	-3.9	0.2	0	0	25648.8	-0.01
246	24	2008	0	0	0	2.92	1.57	0	0	0	-3.1	0.2	0	0	25651.7	-0.01
247	24	2008	0	0	0	1.76	1.63	0	0	0	-2.0	0.2	0	0	25653.4	-0.01
248	24	2008	0	0	0	1.13	1.29	0	0	0	-1.3	0.2	0	0	25654.6	-0.01
249	24	2008	0	0	0	1.71	1.5	0	0	0	-1.9	0.2	0	0	25656.3	-0.01
250	24	2008	1.27	0	0	0.51	0.26	0	0	0	0.6	0.2	0	0	25656.8	-0.01
251	24	2008	0	0	0	1.64	0.72	0	0	0	-1.8	0.2	0	0	25658.4	-0.02
252	24	2008	0	0	0	1	0.8	0	0	0	-1.2	0.2	0	0	25659.4	-0.02
253	24	2008	9.14	0	0	1.92	0.37	0	0	0	7.0	0.2	0	0	25661.3	-0.01
254	24	2008	0.25	0	0	3.07	0.72	0	0	0	-3.0	0.2	0	0	25664.4	-0.02
255	24	2008	0	0	0	2.38	0.59	0	0	0	-2.6	0.2	0	0	25666.8	-0.01
256	24	2008	15.49	0	0	1.24	0.04	0	0	0	14.0	0.2	0	0	25668	0.01
257	24	2008	0	0	0	1.5	0.81	0	0	0	-1.7	0.2	0	0	25669.5	0
258	24	2008	10.67	0	0	3.96	1.28	0	0	0	6.6	0.2	0	0	25673.5	-0.03
259	24	2008	0	0	0	3.99	1.63	0	0	0	-4.2	0.2	0	0	25677.5	-0.04
260	24	2008	0	0	0	2.52	0.95	0	0	0	-2.7	0.2	0	0	25680	0
261	24	2008	0	0	0	3.22	1.36	0	0	0	-3.4	0.2	0	0	25683.2	-0.02
262	24	2008	0	0	0	3.21	1.16	0	0	0	-3.4	0.2	0	0	25686.4	-0.01
263	24	2008	0	0	0	3.02	1.2	0	0	0	-3.2	0.2	0	0	25689.5	-0.02
264	24	2008	0	0	0	2.79	1.29	0	0	0	-3.0	0.2	0	0	25692.3	0
265	24	2008	0	0	0	0.8	0.45	0	0	0	-1.0	0.2	0	0	25693.1	-0.01
266	24	2008	0	0	0	2.22	1.08	0	0	0	-2.4	0.2	0	0	25695.3	-0.01
267	24	2008	0	0	0	1.8	1.24	0	0	0	-2.0	0.2	0	0	25697.1	-0.01
268	24	2008	0	0	0	1.35	1.32	0	0	0	-1.5	0.2	0	0	25698.4	-0.01
269	24	2008	0	0	0	0.99	1.09	0	0	0	-1.2	0.2	0	0	25699.4	-0.01
270	24	2008	1.78	0	0	0.91	0.2	0	0	0	0.7	0.2	0	0	25700.3	-0.02
271	24	2008	19.56	0.39	0	0.7	0.05	0	0	0	18.3	0.2	0	0	25701	0.01
272	24	2008	0	0	0	0.8	0.11	0	0	0	-0.6	0.2	0	0	25701.8	-0.03
273	24	2008	0.25	0	0	1.02	0.28	0	0	0	-0.9	0.2	0	0	25702.8	-0.02
274	24	2008	3.05	0.05	0	1.43	0.04	0	0	0	1.4	0.2	0	0	25704.3	-0.02
275	24	2008	3.81	0.39	0	1.04	0	0	0	0	2.3	0.2	0	0	25705.3	0
276	24	2008	10.92	0	0	2.19	0.04	0	0	0	9.0	0.2	0	0	25707.5	-0.02

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SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
277	24	2008	2.29	0	0	2.84	0.49	0	0	0	-0.7	0.2	0	0	25710.3	-0.04
278	24	2008	0.25	0	0	1.59	0.62	0	0	0	-1.5	0.2	0	0	25711.9	0
279	24	2008	0	0	0	1.55	0.68	0	0	0	-1.7	0.2	0	0	25713.5	-0.01
280	24	2008	1.52	0	0	2.11	0.5	0	0	0	-0.7	0.2	0	0	25715.6	-0.01
281	24	2008	0	0	0	1.91	0.95	0	0	0	-2.1	0.2	0	0	25717.5	0
282	24	2008	4.83	0	0	2.3	0.53	0	0	0	2.4	0.2	0	0	25719.8	-0.03
283	24	2008	0.25	0	0	2.97	1.47	0	0	0	-2.9	0.2	0	0	25722.8	-0.01
284	24	2008	0	0	0	2.58	1.28	0	0	0	-2.7	0.2	0	0	25725.3	-0.02
285	24	2008	0	0	0	2.03	1.14	0	0	0	-2.2	0.2	0	0	25727.4	-0.01
286	24	2008	0	0	0	1.99	1.21	0	0	0	-2.2	0.2	0	0	25729.4	-0.01
287	24	2008	0	0	0	1.31	0.84	0	0	0	-1.5	0.2	0	0	25730.7	-0.01
288	24	2008	0.25	0	0	1.1	0.69	0	0	0	-1.0	0.2	0	0	25731.8	-0.03
289	24	2008	0	0	0	1.97	0.96	0	0	0	-2.1	0.2	0	0	25733.7	-0.03
290	24	2008	24.38	0	0	1.53	0.08	0	0	0	22.7	0.2	0	0	25735.3	0
291	24	2008	0	0	0	1.94	0.68	0	0	0	-2.1	0.2	0	0	25737.2	-0.02
292	24	2008	0	0	0	1.61	0.73	0	0	0	-1.8	0.2	0	0	25738.8	-0.01
293	24	2008	0	0	0	1.44	0.7	0	0	0	-1.6	0.2	0	0	25740.3	0
294	24	2008	0	0	0	1.09	0.61	0	0	0	-1.2	0.2	0	0	25741.4	0
295	24	2008	13.97	0	0	1.49	0.04	0	0	0	12.4	0.2	0	0	25742.8	-0.02
296	24	2008	0	0	0	1.21	0.28	0	0	0	-1.3	0.2	0	0	25744.1	-0.02
297	24	2008	0	0	0	1.2	0.59	0	0	0	-1.3	0.2	0	0	25745.3	-0.01
298	24	2008	0	0	0	1.61	0.79	0	0	0	-1.7	0.2	0	0	25746.9	-0.02
299	24	2008	22.61	0.11	0	0.91	0.04	0	0	0	21.4	0.2	0	0	25747.8	0.03
300	24	2008	0.51	0	0	2.13	0.91	0	0	0	-1.6	0.2	0	0	25749.9	-0.02
301	24	2008	1.27	0	0	1.64	0.46	0	0	0	-0.5	0.2	0	0	25751.5	-0.01
302	24	2008	30.48	0.59	0	0.85	0	0	0	0	28.9	0.1	0	0	25752.4	-0.01
303	24	2008	0.25	0	0	1.57	0	0	0	0	-0.9	0.1	0	0	25754	-0.02
304	24	2008	0	0	0	1.25	0.47	0	0	0	-1.4	0.1	0	0	25755.2	0
305	24	2008	0	0	0	1.53	1.12	0	0	0	-1.7	0.1	0	0	25756.7	0
306	24	2008	0	0	0	1.35	0.78	0	0	0	-1.5	0.1	0	0	25758.1	-0.01
307	24	2008	0	0	0	1.18	0.5	0	0	0	-1.3	0.1	0	0	25759.3	-0.02
308	24	2008	0	0	0	0.58	0.47	0	0	0	-0.7	0.1	0	0	25759.8	0.01
309	24	2008	0	0	0	0.84	0.66	0	0	0	-1.0	0.1	0	0	25760.7	-0.01
310	24	2008	0	0	0	0.71	0.61	0	0	0	-0.8	0.1	0	0	25761.4	-0.02
311	24	2008	0	0	0	0.84	0.75	0	0	0	-1.0	0.1	0	0	25762.2	-0.01
312	24	2008	0	0	0	0.76	0.63	0	0	0	-0.9	0.1	0	0	25763	-0.01
313	24	2008	7.37	0.62	0	0.51	0.02	0	0	0	6.1	0.1	0	0	25763.5	-0.01
314	24	2008	0.25	0	0	1.87	0.34	0	0	0	-1.1	0.1	0	0	25765.4	-0.02
315	24	2008	1.78	0	0	1.79	0	0	0	0	-0.1	0.1	0	0	25767.2	-0.03
316	24	2008	2.29	0.25	0	1.01	0	0	0	0	0.9	0.1	0	0	25768.2	0
317	24	2008	0	0	0	0.89	0.27	0	0	0	-0.8	0.1	0	0	25769.1	0
318	24	2008	1.78	0	0	0.95	0.04	0	0	0	0.7	0.1	0	0	25770	-0.01
319	24	2008	0	0	0	0.79	0.65	0	0	0	-0.9	0.1	0	0	25770.8	-0.02
320	24	2008	19.56	0.75	0	0.3	0.01	0	0	0	18.4	0.1	0	0	25771.1	0
321	24	2008	0.51	0	0	2.7	0.48	0	0	0	-1.6	0.1	0	0	25773.8	-0.02
322	24	2008	1.78	0.06	1.1	1.23	0	0	0	0	0.4	0.1	0	0	25775	-0.01
323	24	2008	0.76	0	0.47	1.02	0	0	0	0	-0.8	0.1	0	0.47	25776.1	0
324	24	2008	0	0	0	0.61	0	0	0	0	-0.7	0.1	0	0.47	25776.7	0
325	24	2008	1.27	0	0.02	0.79	0	0	1.48	0	-0.7	0.1	0	0	25777.5	0
326	24	2008	2.79	0.31	0	0.66	0	0	2.3	0	-0.6	0.1	0	0	25778.1	0
327	24	2008	3.56	0.31	0	0.59	0	0	3.26	0	-0.4	0.1	0	0	25778.7	0
328	24	2008	0	0	0	0.31	0	0	0.26	0	-0.4	0.1	0	0	25779	0
329	24	2008	2.03	0	0.12	0.72	0	0	1.31	0	-0.1	0.1	0	0	25779.7	0.01
330	24	2008	19.56	0.73	19.64	0.14	0	0	-0.94	0	1.1	0.1	18.4	0	25779.9	0.01
331	24	2008	2.54	0.33	3.65	0.65	0	0	-1.33	0	3.5	0.1	0	0	25780.5	0
332	24	2008	0	0	1.68	0.35	0	0	-1.64	0	1.5	0.1	0	0	25780.9	0
333	24	2008	0	0	2.31	0.22	0.18	0	-2.29	0	1.9	0.1	0	0	25781.1	0
334	24	2008	0.51	0	1.24	0.21	0	0	-0.83	0	1.0	0.1	0	0	25781.3	0
335	24	2008	10.92	0.38	0	0.53	0	0	10.16	0	-0.3	0.1	0	0	25781.9	-0.01
336	24	2008	4.06	0	5.36	1.06	0.22	0	-1.69	0	5.0	0.1	0	0	25782.9	0
337	24	2008	0.51	0	1.64	0.24	0	0	-1.28	0	1.4	0.1	0	0	25783.2	0
338	24	2008	0	0	1.04	0.02	0	0	-0.86	0	0.7	0.1	0	0	25783.2	0
339	24	2008	0.51	0	3.48	0.54	0.27	0	-3.2	0	3.1	0.1	0	0	25783.7	0
340	24	2008	0	0	0	0.28	0	0	0.06	0	-0.5	0.1	0	0	25784	-0.01
341	24	2008	0	0	0	0.23	0	0	0.11	0	-0.5	0.1	0	0	25784.2	0
342	24	2008	0.76	0	0	0.51	0	0	0.62	0	-0.5	0.1	0	0	25784.8	-0.02
343	24	2008	0	0	0	0.12	0	0	0.18	0	-0.4	0.1	0	0	25784.9	0
344	24	2008	4.83	0	0.23	0.92	0.04	0	3.73	0	-0.2	0.1	0.23	0	25785.8	0.01
345	24	2008	3.3	0	5.17	0.92	0.04	0	-2.75	0	-0.2	0.1	5.17	0	25786.7	-0.01
346	24	2008	2.03	0.36	0	0.39	0	0	1.46	0	-0.3	0.1	0	0	25787.1	0
347	24	2008	9.4	0.43	0	0.41	0	0	9	0	-0.2	0.1	0	0	25787.5	0
348	24	2008	0	0	0	0.42	0	0	0.18	0	-0.3	0.1	0	0	25787.9	0
349	24	2008	0.25	0	0.02	0.22	0.12	0	0.17	0	-0.3	0.1	0.02	0	25788.2	0
350	24	2008	2.79	0	8.42	0.75	0.14	0	-6.31	0	-0.2	0.1	8.42	0	25788.9	0.01
351	24	2008	0.25	0	0	0.23	0	0	0.14	0	-0.2	0.1	0	0	25789.1	0
352	24	2008	13.97	0.17	0	0.57	0	0	13.28	0	-0.2	0.1	0	0	25789.7	0
353	24	2008	0	0	0	0.22	0	0	-0.01	0	-0.2	0.1	0	0	25789.9	0
354	24	2008	12.19	0.12	0	0.47	0	0	11.64	0	-0.2	0.1	0	0	25790.4	0
355	24	2008	0	0	0	0.13	0	0	0.05	0	-0.2	0.1	0	0	25790.5	0
356	24	2008	8.64	0	0	0.52	0	0	8.16	0	-0.2	0.1	0	0	25791	0
357	24	2008	2.03	0	0	0.34	0	0	1.73	0	-0.1	0.1	0	0	25791.4	0
358	24	2008	1.27	0	0	0.27	0	0	1.03	0	-0.1	0.1	0	0	25791.7	0
359	24	2008	3.3	0	4.7	0.49	0.08	0	-1.86	0	-0.2	0.1	4.7	0	25792.2	0
360	24	2008	0	0	0.99	0.4	0	0	-1.4	0	-0.1	0.1	0.97	0	25792.6	-0.01
361	24	2008	1.02	0	0	0.38	0	0	0.65	0	-0.1	0.1	0	0	25792.9	0
362	24	2008	16.51	0.4	19.07	0.18	0	0	-3.16	0	2.8	0.1	16.15	0	25793.1	0
363	24	2008	0	0	16.7	0.41	0.54	0	-16.19	0	11.0	0.1	5.05	0	25793.5	0
364	24	2008	0	0	2.54	0.32	0.25	0	-2.59	0	2.2	0.1	0	0	25793.8	0
365	24	2008	1.02	0	0.35	0.5	0	0	0.21	0	0.2	0.1	0	0	25794.3	-0.01
366	24	2008	2.03	0	0	0.85	0	0	1.26	0	-0.2	0.1	0	0	25795.2	-0.01
1	24	2009	0	0	0	0.11	0	0	-0.02	0	-0.2	0.1	0	0	25795.3	0
2	24	2009	0.25	0	0	0.21	0	0	0.07	0	-0.2	0.1	0	0	25795.5	0
3	24	2009	1.52	0	0	0.55	0	0	1.01	0	-0.1	0.1	0	0	25796.1	-0.01
4	24	2009	1.02	0	0	0.33	0	0	0.73	0	-0.2	0.1	0	0	25796.4	-0.01
5	24	2009	0	0	0	0.03	0	0	-0.01	0	-0.1	0.1	0	0	25796.4	0
6	24	2009	0.25	0	0	0.11	0	0	0.18	0	-0.1	0.1	0	0	25796.5	0
7	24	2009	14.99	0.42	0	0.17	0	0	14.39	0	-0.1	0.1	0	0	25796.7	0.01
8	24	2009	0.76	0	0	0.69	0	0	0.5	0	-0.1	0.1	0	0	25797.4	-0.01
9	24	2009	0	0	0	0.04	0	0	-0.02	0	-0.1	0.1	0	0	25797.4	0
10	24	2009	3.05	0.36	0	0.2	0	0	2.51	0	-0.1	0.1	0	0	25797.6	0
11	24	2009	5.08	0.24	0	0.18	0	0	5.04	0	-0.1	0.1	0	0	25797.8	0
12	24	2009	0.76	0.06	0	0.32	0	0	0.63	0	-0.1	0.1	0	0	25798.1	0
13	24	2009	0	0	0	0.21	0	0	-0.14	0	-0.1	0.1	0	0	25798.4	0
14	24	2009	0	0	0	0.04	0	0	-0.02	0	-0.1	0.1	0	0	25798.4	0
15	24	2009	0	0	0	0.02	0	0	0.01	0	-0.1	0.1	0	0	25798.4	0
16	24	2009	0	0	0	0.14	0	0	-0.11	0	-0.1	0.1	0	0	25798.6	0
17	24	2009	0.25	0	0	0.2	0	0	0.08	0	-0.1	0.1	0	0	25798.8	0
18	24	2009	3.3	0.14	0	0.38	0	0	2.8	0	-0.1	0.1	0	0	25799.1	0
19	24	2009	0.25	0	0	0.2	0	0	0.22	0	-0.1	0.1	0	0	25799.3	0
20	24	2009	0.25	0	0	0.08	0	0	0.21	0	-0.1	0.1	0	0	25799.4	0
21	24	2009	0	0	0	0.13	0	0	-0.11	0	-0.1	0.1	0	0	25799.5	0
22	24	2009	0	0	0	0.16	0	0	-0.15	0	-0.1	0.1	0	0	25799.7	0
23	24	2009	0	0	0.15	0.24	0.19	0	-0.21	0	-0.3	0.1	0.15	0	25799.9	0
24	24	2009	0	0	0	0.42	0	0	-0.39	0	-0.1	0.1	0	0	25800.4	-0.01
25	24	2009	0	0	0	0.22	0	0	-0.19	0	-0.1	0.1	0	0	25800.6	0
26	24	2009	0	0	0	0.17	0	0	-0.14	0	-0.1	0.1	0	0	25800.7	0
27	24	2009	0	0	0	0.15	0	0	-0.13	0	-0.1	0.1	0	0	25800.9	0
28	24	2009	14.99	0	0	0.39	0	0	14.61	0	-0.1	0.1	0	0	25801.3	0
29	24	2009	0	0	0	0.12	0	0	-0.11	0	-0.1	0.1	0	0	25801.4	0
30	24	2009	0	0	0	0.16	0	0	-0.15	0	-0.1	0.1	0	0	25801.6	0
31	24	2009	0.51	0	0	0.2	0	0	0.32	0	-0.1	0.1	0	0	25801.8	0
32	24	2009	0	0	0	0.21	0.07	0	-0.13	0	-0.2	0.1	0	0	25802	0
33	24	2009	0	0	0.09	0.07	0	0	-0.16	0	-0.1	0.1	0.09	0	25802	0
34	24	2009	0	0	0	0.1	0	0	-0.08	0	-0.1	0.1	0	0	25802.2	-0.01
35	24	2009	0	0	0	0.11	0	0	-0.09	0	-0.1	0.1	0	0	25802.3	0
36	24	2009	0	0	0	0.1	0	0	-0.07	0	-0.1	0.1	0	0	25802.4	0
37	24	2009	0	0	0	0.15	0	0	-0.13	0	-0.1	0.1	0	0	25802.5	0
38	24	2009	0	0	0.06	0.31	0.2	0	-0.17	0	-0.3	0.1	0.06	0	25802.8	0
39	24	2009	0	0	2.6	0.37	0.31	0	-2.68	0	-0.4	0.1	2.54	0	25803.2	0
40	24	2009	0	0	1.12	0.1	0	0	-1.22	0	0.3	0.1	0.76	0	25803.3	-0.01
41	24	2009	0	0	0.49	0.11	0	0	-0.6	0	0.3	0.1	0.06	0	25803.4	0
42	24	2009	6.35	0.34	8.19	0.31	0	0	-2.51	0	3.5	0.1	4.57	0	25803.7	0
43	24	2009	13.72	0	22.55	0.66	0.13	0	-9.03	0	12.1	0.1	10.19	0	25804.4	0
44	24	2009	1.27	0	0.22	0.62	0	0	0.45	0	0.1	0.1	0	0	25805	0
45	24	2009	0	0	0.05	0.13	0	0	-0.17	0	-0.1	0.1	0	0	25805.1	0
46	24	2009	0	0	0.02	0.18	0	0	-0.19	0	-0.1	0.1	0.02	0	25805.3	0
47	24	2009	0	0	0.02	0.13	0	0	-0.14	0	-0.1	0.1	0.02	0	25805.4	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
48	24	2009	0	0	0	0.1	0	0	-0.1	0	-0.1	0.1	0	0	25805.5	0
49	24	2009	4.32	0	0	0.95	0	0	3.37	0	-0.1	0.1	0	0	25806.5	0
50	24	2009	2.29	0	0	0.87	0	0	1.42	0	-0.1	0.1	0	0	25807.4	-0.01
51	24	2009	0.76	0	0	0.5	0	0	0.27	0	-0.1	0.1	0	0	25807.9	-0.01
52	24	2009	0	0	0	0.16	0	0	-0.16	0	-0.1	0.1	0	0	25808	0
53	24	2009	0.76	0	0	0.44	0	0	0.33	0	-0.1	0.1	0	0	25808.5	0
54	24	2009	0	0	0	0.27	0	0	-0.26	0	-0.1	0.1	0	0	25808.7	0
55	24	2009	0.25	0	0	0.27	0	0	-0.01	0	-0.1	0.1	0	0	25809	0
56	24	2009	0	0	0	0.08	0	0	-0.08	0	-0.1	0.1	0	0	25809.1	0
57	24	2009	0.51	0	0	0.58	0.42	0	0.33	0	-0.5	0.1	0	0	25809.7	0
58	24	2009	2.54	0	0.78	0.94	0.11	0	0.95	0	0.0	0.1	0.58	0	25810.6	-0.02
59	24	2009	0	0	0.02	0.77	0	0	-0.77	0	-0.1	0.1	0	0	25811.4	0
60	24	2009	0	0	0	0.49	0	0	-0.48	0	-0.1	0.1	0	0	25811.9	0
61	24	2009	0	0	0.04	0.78	0	0	-0.79	0	-0.1	0.1	0.04	0	25812.7	-0.01
62	24	2009	0	0	0	0.48	0	0	-0.47	0	-0.1	0.1	0	0	25813.1	0
63	24	2009	0	0	0	0.22	0	0	-0.22	0	-0.1	0.1	0	0	25813.4	0.01
64	24	2009	0	0	0	0.65	0.52	0	-0.12	0	-0.6	0.1	0	0	25814	0
65	24	2009	0.76	0	0	0.9	0.68	0	0.51	0	-0.8	0.1	0	0	25814.9	0.01
66	24	2009	31.24	0.12	32.48	0.79	0	0	-2.15	0	-0.1	0.1	32.48	0	25815.7	0
67	24	2009	5.59	0.58	6.4	0.4	0	0	-1.68	0	-0.1	0.1	6.4	0	25816.1	0
68	24	2009	16.26	0.46	16.74	0.48	0	0	-0.85	0	-0.1	0.1	16.73	0	25816.6	0
69	24	2009	2.54	0.37	2.58	0.65	0	0	-0.59	0	-0.1	0.1	2.56	0	25817.2	0
70	24	2009	7.62	0	17.39	1.61	0.53	0	-10.48	0	-0.6	0.1	17.34	0	25818.8	0
71	24	2009	0	0	0	0.78	0	0	-0.76	0	-0.1	0.1	0	0	25819.6	0
72	24	2009	0	0	0	0.35	0	0	-0.34	0	-0.1	0.1	0	0	25820	0.01
73	24	2009	0	0	0	0.84	0.69	0	-0.15	0	-0.8	0.1	0	0	25820.8	0
74	24	2009	0	0	0	1.1	1.07	0	-0.02	0	-1.2	0.1	0	0	25821.9	0
75	24	2009	0	0	0	1.05	1.03	0	-0.02	0	-1.2	0.1	0	0	25823	0
76	24	2009	0	0	0	1.41	1.42	0	0.01	0	-1.5	0.1	0	0	25824.4	0
77	24	2009	4.32	0	8.35	1.23	0.34	0	-4.94	0	-0.4	0.1	8.3	0	25825.6	0
78	24	2009	4.83	0	3.99	1.58	0.6	0	-0.13	0	-0.1	0.1	3.38	0	25827.2	-0.01
79	24	2009	0	0	0	0.4	0	0	-0.4	0	-0.1	0.1	0	0	25827.6	0.01
80	24	2009	0	0	0	0.84	0.7	0	-0.13	0	-0.8	0.1	0	0	25828.4	0
81	24	2009	0	0	0	0.27	0	0	-0.27	0	-0.1	0.1	0	0	25828.7	0.01
82	24	2009	0	0	0	0.72	0	0	-0.7	0	-0.1	0.1	0	0	25829.4	0
83	24	2009	0	0	0	0.59	0.45	0	-0.14	0	-0.6	0.1	0	0	25830	0
84	24	2009	0	0	0	1.44	1.31	0	-0.12	0	-1.4	0.1	0	0	25831.5	-0.01
85	24	2009	4.57	0	2.92	1.01	0.09	0	0.69	0	-0.2	0.1	2.92	0	25832.5	0.02
86	24	2009	0.25	0	1.75	1.42	1.35	0	-1.56	0	0.3	0.1	0.02	0	25833.9	0
87	24	2009	0	0	8.03	1.56	1.6	0	-7.99	0	-0.3	0.1	6.63	0	25835.5	0
88	24	2009	13.46	0	28.18	0.97	0.07	0	-15.6	0	0.0	0.1	28.01	0	25836.4	0
89	24	2009	5.08	0.05	7.14	0.96	0	0	-4	0	0.1	0.1	7.77	0.05	25837.4	0
90	24	2009	0	0	0	1.09	0.62	0	0	0	-1.1	0.1	0	0	25838.5	-0.01
91	24	2009	1.52	0	0	0.97	0.33	0	0	0	0.4	0.1	0	0	25839.4	-0.01
92	24	2009	0	0	0	2.06	1.55	0	0	0	-2.2	0.1	0	0	25841.5	-0.01
93	24	2009	18.29	0	0	1.05	0.13	0	0	0	17.2	0.1	0	0	25842.5	-0.05
94	24	2009	12.95	0	0	1.76	0.02	0	0	0	11.1	0.1	0	0	25844.3	-0.03
95	24	2009	2.03	0	0	2.57	0.59	0	0	0	-0.6	0.1	0	0	25846.9	-0.02
96	24	2009	8.89	0	0	1.49	0.04	0	0	0	7.3	0.1	0	0	25848.4	-0.01
97	24	2009	0	0	0	1.2	0	0	0	0	-1.3	0.1	0	0	25849.6	-0.01
98	24	2009	0	0	0	1.26	0	0	0	0	-1.4	0.1	0	0	25850.8	-0.01
99	24	2009	0	0	0	3.39	1.32	0	0	0	-3.5	0.1	0	0	25854.2	-0.01
100	24	2009	0	0	0	2.62	1.18	0	0	0	-2.7	0.1	0	0	25856.8	-0.01
101	24	2009	0	0	0	3.2	0.93	0	0	0	-3.3	0.1	0	0	25860	-0.02
102	24	2009	0	0	0	2.15	0	0	0	0	-2.3	0.1	0	0	25862.2	-0.02
103	24	2009	0	0	0	2.59	0.79	0	0	0	-2.7	0.1	0	0	25864.8	0
104	24	2009	0	0	0	3.2	1.44	0	0	0	-3.3	0.1	0	0	25868	-0.01
105	24	2009	0	0	0	3.78	1.75	0	0	0	-3.9	0.1	0	0	25871.8	-0.01
106	24	2009	0	0	0	3.69	1.56	0	0	0	-3.8	0.1	0	0	25875.5	-0.01
107	24	2009	0	0	0	4.15	1.83	0	0	0	-4.3	0.1	0	0	25879.6	-0.02
108	24	2009	0	0	0	2.95	1.62	0	0	0	-3.1	0.1	0	0	25882.6	0
109	24	2009	0.25	0	0	3.55	1.47	0	0	0	-3.4	0.1	0	0	25886.1	-0.01
110	24	2009	3.05	0	0	3.07	0.66	0	0	0	-0.1	0.1	0	0	25889.2	-0.02
111	24	2009	1.27	0	0	3.33	1.17	0	0	0	-2.2	0.1	0	0	25892.5	-0.01
112	24	2009	1.52	0	0	2.38	0.59	0	0	0	-1.0	0.1	0	0	25894.9	-0.02
113	24	2009	4.83	0	0	2.71	0.44	0	0	0	2.0	0.1	0	0	25897.6	-0.02
114	24	2009	0	0	0	4.53	2.33	0	0	0	-4.6	0.1	0	0	25902.1	-0.02
115	24	2009	0	0	0	2.94	2.44	0	0	0	-3.0	0.1	0	0	25905.1	-0.02
116	24	2009	0	0	0	3.89	2.05	0	0	0	-4.0	0.1	0	0	25909	0.01
117	24	2009	0	0	0	2.72	1.95	0	0	0	-2.8	0.1	0	0	25911.7	-0.02
118	24	2009	1.02	0	0	4	1.87	0	0	0	-3.1	0.1	0	0	25915.7	-0.04
119	24	2009	0	0	0	4.54	1.71	0	0	0	-4.7	0.1	0	0	25920.2	-0.01
120	24	2009	2.29	0	0	3.07	0.96	0	0	0	-0.9	0.1	0	0	25923.3	-0.02
121	24	2009	4.06	0	0	3.93	1.29	0	0	0	0.0	0.1	0	0	25927.2	-0.02
122	24	2009	4.57	0	0	4.48	1.03	0	0	0	0.0	0.1	0	0	25931.7	-0.01
123	24	2009	0	0	0	3.1	1.54	0	0	0	-3.2	0.1	0	0	25934.8	-0.01
124	24	2009	0	0	0	2.89	1.47	0	0	0	-3.0	0.1	0	0	25937.7	-0.01
125	24	2009	0	0	0	2.18	1.1	0	0	0	-2.3	0.1	0	0	25939.9	-0.02
126	24	2009	0.25	0	0	2.82	1.31	0	0	0	-2.7	0.1	0	0	25942.7	0
127	24	2009	9.14	0	0	1.8	0.21	0	0	0	7.2	0.1	0	0	25944.5	-0.01
128	24	2009	11.94	0	0	3.65	1.15	0	0	0	8.2	0.1	0	0	25948.2	-0.01
129	24	2009	7.11	0	0	4.64	1.52	0	0	0	2.4	0.1	0	0	25952.8	-0.04
130	24	2009	1.27	0	0	4.39	1.07	0	0	0	-3.2	0.1	0	0	25957.2	-0.03
131	24	2009	0	0	0	4.61	1.69	0	0	0	-4.7	0.1	0	0	25961.8	-0.01
132	24	2009	0	0	0	4.51	1.75	0	0	0	-4.6	0.1	0	0	25966.3	0
133	24	2009	0	0	0	5.46	2.38	0	0	0	-5.6	0.1	0	0	25971.8	-0.03
134	24	2009	2.54	0	0	3.58	1.1	0	0	0	-1.2	0.1	0	0	25975.4	0
135	24	2009	0	0	0	4.47	1.89	0	0	0	-4.6	0.1	0	0	25979.8	-0.01
136	24	2009	18.8	0	0	2.3	0.82	0	0	0	16.4	0.1	0	0	25982.1	-0.02
137	24	2009	0	0	0	5.17	1.67	0	0	0	-5.3	0.1	0	0	25987.3	-0.02
138	24	2009	0	0	0	4.72	1.67	0	0	0	-4.9	0.1	0	0	25992	0.01
139	24	2009	0	0	0	5.2	2.25	0	0	0	-5.3	0.1	0	0	25997.2	-0.01
140	24	2009	0	0	0	5.64	2.85	0	0	0	-5.8	0.1	0	0	26002.9	-0.01
141	24	2009	0	0	0	6.77	3.53	0	0	0	-6.9	0.1	0	0	26009.6	-0.01
142	24	2009	0	0	0	4.9	2.2	0	0	0	-5.0	0.1	0	0	26014.5	-0.01
143	24	2009	0	0	0	3.98	1.99	0	0	0	-4.1	0.1	0	0	26018.5	-0.01
144	24	2009	0	0	0	3.5	2.36	0	0	0	-3.6	0.1	0	0	26022	-0.01
145	24	2009	0	0	0	3.18	2.84	0	0	0	-3.3	0.1	0	0	26025.2	-0.02
146	24	2009	6.35	0	0	3.42	1.18	0	0	0	2.8	0.1	0	0	26028.6	-0.01
147	24	2009	8.13	0	0	3	0.82	0	0	0	5.0	0.1	0	0	26031.6	-0.01
148	24	2009	10.92	0	0	2.42	0.58	0	0	0	8.4	0.1	0	0	26034	-0.03
149	24	2009	3.3	0	0	2.19	0.34	0	0	0	1.0	0.1	0	0	26036.2	-0.03
150	24	2009	0.25	0	0	4.42	1.76	0	0	0	-4.3	0.1	0	0	26040.6	-0.01
151	24	2009	1.52	0	0	5.73	1.58	0	0	0	-4.3	0.2	0	0	26046.4	-0.02
152	24	2009	0	0	0	2.82	1.46	0	0	0	-3.0	0.2	0	0	26049.2	0
153	24	2009	0	0	0	3.42	1.61	0	0	0	-3.6	0.2	0	0	26052.6	0
154	24	2009	0	0	0	3.76	1.71	0	0	0	-3.9	0.2	0	0	26056.4	0
155	24	2009	0	0	0	4.82	2.03	0	0	0	-5.0	0.2	0	0	26061.2	-0.01
156	24	2009	0	0	0	3.45	2.09	0	0	0	-3.6	0.2	0	0	26064.7	-0.01
157	24	2009	0	0	0	3.18	2.9	0	0	0	-3.3	0.2	0	0	26067.8	-0.01
158	24	2009	0	0	0	2.21	2.17	0	0	0	-2.3	0.2	0	0	26070	-0.01
159	24	2009	0.25	0	0	2.54	2.27	0	0	0	-2.4	0.2	0	0	26072.6	-0.01
160	24	2009	6.86	0	0	4.94	1.46	0	0	0	1.8	0.2	0	0	26077.5	-0.01
161	24	2009	0	0	0	3.61	1.35	0	0	0	-3.8	0.2	0	0	26081.1	-0.01
162	24	2009	22.86	0	0	2.28	0.58	0	0	0	20.4	0.2	0	0	26083.4	0.01
163	24	2009	39.88	0	0	3.44	0.99	0	0	0	36.3	0.2	0	0	26086.9	-0.02
164	24	2009	0.25	0	0	3.55	1.63	0	0	0	-3.4	0.2	0	0	26090.4	0
165	24	2009	0	0	0	5.22	2.18	0	0	0	-5.4	0.2	0	0	26095.6	-0.01
166	24	2009	3.56	0	0	5.22	1.49	0	0	0	-1.8	0.2	0	0	26100.9	-0.02
167	24	2009	0	0	0	5.44	2.19	0	0	0	-5.6	0.2	0	0	26106.3	-0.02
168	24	2009	1.27	0	0	4.2	1.66	0	0	0	-3.1	0.2	0	0	26110.5	-0.02
169	24	2009	26.92	0	0	1.76	0.09	0	0	0	25.0	0.2	0	0	26112.2	-0.01
170	24	2009	0.25	0	0	2.34	1.03	0	0	0	-2.2	0.2	0	0	26114.6	-0.01
171	24	2009	12.7	0.24	0	1.24	0.04	0	0	0	11.1	0.2	0	0	26115.8	0
172	24	2009	0.25	0	0	3.05	1.28	0	0	0	-2.7	0.2	0	0	26118.9	-0.02
173	24	2009	0	0	0	5.78	2.42	0	0	0	-5.9	0.2	0	0	26124.7	-0.03
174	24	2009	0	0	0	5.94	2.51	0	0	0	-6.1	0.2	0	0	26130.6	-0.02
175	24	2009	0	0	0	6.1	2.75	0	0	0	-6.2	0.2	0	0	26136.7	-0.01
176	24	2009	0	0	0	4.6	2.33	0	0	0	-4.7	0.2	0	0	26141.3	-0.01
177	24	2009	2.29	0	0	2.81	0.74	0	0	0	-0.7	0.2	0	0	26144.1	0
178	24	2009	0	0	0	3.06	1.47	0	0	0	-3.2	0.2	0	0	26147.2	-0.02
179	24	2009	3.56	0	0	5.39	1.8	0	0	0	-2.0	0.2	0	0	26152.6	0.01
180	24	2009	2.79	0	0	4.41	1.21	0	0	0	-1.8	0.2	0	0	26157	-0.01
181	24	2009	9.4	0	0	2.65	0.51	0	0	0	6.6	0.2	0	0	26159.6	-0.02
182	24	2009	0.25	0	0	3.6	1.6	0	0	0	-3.5	0.2	0	0	26163.2	0
183	24	2009	2.79	0	0	2.22	0.3	0	0	0	0.5	0.2	0	0	26165.4	-0.03
184	24	2009	0.25	0	0	3.21	1.4	0	0	0	-3.1	0.2	0	0	26168.7	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
185	24	2009	0	0	0	4.75	1.83	0	0	0	-4.9	0.2	0	0	26173.4	-0.03
186	24	2009	0	0	0	5.8	2.41	0	0	0	-5.9	0.2	0	0	26179.2	-0.02
187	24	2009	0.76	0	0	4.77	1.99	0	0	0	-4.2	0.2	0	0	26184	-0.01
188	24	2009	4.06	0	0	3.68	1.02	0	0	0	0.2	0.2	0	0	26187.7	-0.01
189	24	2009	0.51	0	0	3.76	1.61	0	0	0	-3.4	0.2	0	0	26191.4	-0.01
190	24	2009	0	0	0	4.31	1.88	0	0	0	-4.5	0.2	0	0	26195.7	0
191	24	2009	0	0	0	5.45	2.41	0	0	0	-5.6	0.2	0	0	26201.2	-0.01
192	24	2009	9.65	0	0	3.88	1.44	0	0	0	5.6	0.2	0	0	26205.1	-0.01
193	24	2009	0	0	0	5.68	2.22	0	0	0	-5.8	0.2	0	0	26210.8	-0.02
194	24	2009	0	0	0	4.96	2.11	0	0	0	-5.1	0.1	0	0	26215.7	-0.01
195	24	2009	0	0	0	4.85	2.03	0	0	0	-5.0	0.1	0	0	26220.6	-0.01
196	24	2009	0	0	0	3.42	2.62	0	0	0	-3.6	0.1	0	0	26224	-0.01
197	24	2009	0.25	0	0	2.77	2.62	0	0	0	-2.7	0.1	0	0	26226.8	0
198	24	2009	1.02	0	0	1.89	1.17	0	0	0	-1.0	0.1	0	0	26228.6	-0.02
199	24	2009	0	0	0	2.12	1.76	0	0	0	-2.3	0.1	0	0	26230.8	-0.01
200	24	2009	0	0	0	1.66	1.57	0	0	0	-1.8	0.1	0	0	26232.4	-0.01
201	24	2009	0	0	0	1.96	1.78	0	0	0	-2.1	0.1	0	0	26234.4	-0.01
202	24	2009	1.78	0	0	1.74	0.65	0	0	0	-0.1	0.1	0	0	26236.1	-0.01
203	24	2009	0	0	0	2.05	1.38	0	0	0	-2.2	0.1	0	0	26238.2	-0.01
204	24	2009	0.25	0	0	1.08	0.96	0	0	0	-1.0	0.1	0	0	26239.3	0
205	24	2009	7.87	0	0	2.23	0.42	0	0	0	5.5	0.1	0	0	26241.5	0.01
206	24	2009	0.76	0	0	3.98	0.97	0	0	0	-3.3	0.1	0	0	26245.5	-0.01
207	24	2009	3.05	0	0	3.77	0.63	0	0	0	-0.9	0.1	0	0	26249.2	-0.02
208	24	2009	1.52	0	0	3.58	0.66	0	0	0	-2.2	0.1	0	0	26252.8	-0.03
209	24	2009	0	0	0	3.41	1.08	0	0	0	-3.5	0.1	0	0	26256.2	-0.02
210	24	2009	2.29	0	0	2.26	0.53	0	0	0	-0.1	0.1	0	0	26258.5	0
211	24	2009	0.51	0	0	2.14	0.98	0	0	0	-1.8	0.1	0	0	26260.6	-0.02
212	24	2009	11.43	0	0	1.85	0.31	0	0	0	9.4	0.1	0	0	26262.5	0
213	24	2009	0	0	0	4.54	1.61	0	0	0	-4.7	0.1	0	0	26267	-0.02
214	24	2009	34.8	0	0	2.93	0.76	0	0	0	31.7	0.1	0	0	26269.9	-0.01
215	24	2009	0	0	0	5.3	2.58	0	0	0	-5.4	0.1	0	0	26275.2	-0.03
216	24	2009	0	0	0	5.99	3.22	0	0	0	-6.1	0.1	0	0	26281.2	-0.01
217	24	2009	0	0	0	5.24	2.61	0	0	0	-5.4	0.1	0	0	26286.5	-0.03
218	24	2009	0	0	0	4.83	2.35	0	0	0	-5.0	0.1	0	0	26291.3	-0.01
219	24	2009	0	0	0	5.02	2.42	0	0	0	-5.1	0.1	0	0	26296.3	-0.02
220	24	2009	0	0	0	3.58	1.98	0	0	0	-3.7	0.1	0	0	26299.9	-0.01
221	24	2009	1.27	0	0	1.6	0.66	0	0	0	-0.5	0.1	0	0	26301.5	-0.01
222	24	2009	25.65	0	0	4.05	1.5	0	0	0	21.5	0.1	0	0	26305.6	0
223	24	2009	0	0	0	5.04	2.78	0	0	0	-5.2	0.1	0	0	26310.6	-0.03
224	24	2009	0	0	0	4.52	2.72	0	0	0	-4.6	0.1	0	0	26315.1	-0.02
225	24	2009	0	0	0	3.95	2.45	0	0	0	-4.1	0.1	0	0	26319.1	-0.02
226	24	2009	0	0	0	4.54	2.91	0	0	0	-4.7	0.1	0	0	26323.6	-0.01
227	24	2009	0	0	0	4.63	2.75	0	0	0	-4.8	0.1	0	0	26328.2	-0.02
228	24	2009	0	0	0	4.42	2.62	0	0	0	-4.5	0.1	0	0	26332.7	-0.02
229	24	2009	0	0	0	4.24	2.53	0	0	0	-4.4	0.1	0	0	26336.9	-0.01
230	24	2009	2.79	0	0	4.14	1.5	0	0	0	-1.5	0.1	0	0	26341	-0.02
231	24	2009	0	0	0	2.31	1.72	0	0	0	-2.4	0.1	0	0	26343.3	-0.02
232	24	2009	0	0	0	1.39	1.34	0	0	0	-1.5	0.1	0	0	26344.7	-0.02
233	24	2009	1.52	0	0	1.54	0.59	0	0	0	-0.1	0.1	0	0	26346.3	-0.01
234	24	2009	0	0	0	1.65	1.03	0	0	0	-1.8	0.1	0	0	26347.9	-0.03
235	24	2009	8.89	0	0	2.59	0.38	0	0	0	6.2	0.1	0	0	26350.5	-0.01
236	24	2009	0.51	0	0	2.36	0.84	0	0	0	-2.0	0.1	0	0	26352.9	-0.03
237	24	2009	0	0	0	2.64	0.99	0	0	0	-2.7	0.1	0	0	26355.5	-0.03
238	24	2009	1.78	0	0	2.09	0.31	0	0	0	-0.4	0.1	0	0	26357.6	-0.01
239	24	2009	0	0	0	2.52	0.77	0	0	0	-2.6	0.1	0	0	26360.1	-0.03
240	24	2009	7.62	0	0	3.26	0.47	0	0	0	4.2	0.1	0	0	26363.4	-0.01
241	24	2009	16	0	0	2.53	0.09	0	0	0	13.3	0.1	0	0	26365.9	0
242	24	2009	1.02	0	0	3.28	1.72	0	0	0	-2.4	0.1	0	0	26369.2	-0.03
243	24	2009	0	0	0	3.59	2.37	0	0	0	-3.7	0.1	0	0	26372.8	-0.03
244	24	2009	0	0	0	3.62	2.47	0	0	0	-3.7	0.1	0	0	26376.4	-0.02
245	24	2009	0	0	0	3.1	2.15	0	0	0	-3.2	0.1	0	0	26379.5	0
246	24	2009	0	0	0	2.85	1.79	0	0	0	-3.0	0.1	0	0	26382.3	-0.01
247	24	2009	0	0	0	2.66	1.42	0	0	0	-2.8	0.1	0	0	26385	-0.03
248	24	2009	0	0	0	1.96	1.05	0	0	0	-2.1	0.1	0	0	26387	-0.02
249	24	2009	0	0	0	2.13	0.95	0	0	0	-2.2	0.1	0	0	26389.1	-0.02
250	24	2009	0	0	0	1.2	0.71	0	0	0	-1.3	0.1	0	0	26390.3	-0.01
251	24	2009	0	0	0	1.38	0.82	0	0	0	-1.5	0.1	0	0	26391.7	-0.02
252	24	2009	0	0	0	0.93	0.69	0	0	0	-1.0	0.1	0	0	26392.6	-0.01
253	24	2009	0	0	0	0.57	0.52	0	0	0	-0.7	0.1	0	0	26393.2	-0.03
254	24	2009	0.25	0	0	0.59	0.39	0	0	0	-0.4	0.1	0	0	26393.8	-0.01
255	24	2009	0	0	0	0.29	0.38	0	0	0	-0.4	0.1	0	0	26394.1	0.01
256	24	2009	0	0	0	0.25	0.35	0	0	0	-0.3	0.1	0	0	26394.3	-0.03
257	24	2009	0	0	0	0.67	0.44	0	0	0	-0.7	0.1	0	0	26395	-0.04
258	24	2009	0	0	0	0.6	0.45	0	0	0	-0.7	0.1	0	0	26395.6	-0.04
259	24	2009	0	0	0	0.66	0.42	0	0	0	-0.7	0.1	0	0	26396.2	-0.04
260	24	2009	1.02	0	0	0.92	0.26	0	0	0	0.0	0.1	0	0	26397.1	-0.01
261	24	2009	0	0	0	0.23	0.26	0	0	0	-0.3	0.1	0	0	26397.4	-0.03
262	24	2009	0	0	0	0.96	0.45	0	0	0	-1.0	0.1	0	0	26398.3	-0.03
263	24	2009	0	0	0	0.66	0.47	0	0	0	-0.8	0.1	0	0	26399	-0.02
264	24	2009	0	0	0	0.21	0.4	0	0	0	-0.3	0.1	0	0	26399.2	-0.03
265	24	2009	4.32	0.71	0	1.96	0.07	0	0	0	1.5	0.1	0	0	26401.2	0.02
266	24	2009	5.84	0	0	3.85	0.06	0	0	0	2.6	0.1	0	0	26405	0
267	24	2009	0	0	0	1.3	0.47	0	0	0	-1.4	0.1	0	0	26406.3	-0.05
268	24	2009	0	0	0	1.1	0.4	0	0	0	-1.2	0.1	0	0	26407.4	-0.03
269	24	2009	5.84	0	0	3.58	0.06	0	0	0	2.1	0.1	0	0	26411	0.02
270	24	2009	27.43	2.07	0	1	0.04	0	0	0	24.2	0.1	0	0	26412	0.02
271	24	2009	2.54	0.36	0	3.55	0	0	0	0	0.6	0.1	0	0	26415.5	0
272	24	2009	7.62	0.27	0	3.8	0.3	0	0	0	3.8	0.1	0	0	26419.3	-0.03
273	24	2009	2.54	0.49	0	2.39	0.19	0	0	0	-0.2	0.1	0	0	26421.7	-0.02
274	24	2009	1.52	0	0	2.05	0	0	0	0	-0.1	0.1	0	0	26423.8	-0.02
275	24	2009	10.92	1.57	0	1.45	0.13	0	0	0	7.8	0.1	0	0	26425.2	0.02
276	24	2009	2.79	0	0	3.25	0.03	0	0	0	1.0	0.1	0	0	26428.5	0
277	24	2009	0	0	0	1.84	1.5	0	0	0	-1.9	0.1	0	0	26430.3	-0.05
278	24	2009	2.29	0	0	3.06	0.85	0	0	0	-0.9	0.1	0	0	26433.4	-0.03
279	24	2009	0	0	0	2.66	2.14	0	0	0	-2.8	0.1	0	0	26436	-0.02
280	24	2009	10.16	0	0	3.16	0.41	0	0	0	6.9	0.1	0	0	26439.2	-0.01
281	24	2009	0	0	0	2.65	2	0	0	0	-2.7	0.1	0	0	26441.9	-0.03
282	24	2009	2.03	0.79	0	0.76	0.1	0	0	0	0.4	0.1	0	0	26442.6	0.02
283	24	2009	2.79	0.32	0	2.75	0	0	0	0	0.4	0.1	0	0	26445.4	0
284	24	2009	0	0	0	2.92	1.68	0	0	0	-2.7	0.1	0	0	26448.3	-0.02
285	24	2009	0	0	0	1.19	0.79	0	0	0	-1.3	0.1	0	0	26449.5	0
286	24	2009	4.32	1.06	0	1.47	0.1	0	0	0	1.7	0.1	0	0	26451	0
287	24	2009	0.51	0.1	0	1.66	0	0	0	0	-0.3	0.1	0	0	26452.6	0
288	24	2009	0	0	0	0.63	0	0	0	0	-0.7	0.1	0	0	26453.3	0.01
289	24	2009	0	0	0	1.61	1.14	0	0	0	-1.7	0.1	0	0	26454.9	-0.01
290	24	2009	0	0	0	1.51	1.11	0	0	0	-1.6	0.1	0	0	26456.4	-0.01
291	24	2009	0	0	0	1.77	1.38	0	0	0	-1.9	0.1	0	0	26458.1	-0.01
292	24	2009	0	0	0	1.69	1.26	0	0	0	-1.8	0.1	0	0	26459.8	-0.01
293	24	2009	0	0	0	1.14	0.98	0	0	0	-1.3	0.1	0	0	26461	0
294	24	2009	0	0	0	0.66	0.58	0	0	0	-0.8	0.1	0	0	26461.6	-0.01
295	24	2009	1.27	0	0	1.96	0.91	0	0	0	-0.8	0.1	0	0	26463.6	-0.03
296	24	2009	4.57	0	0	2.22	0.09	0	0	0	2.3	0.1	0	0	26465.8	-0.03
297	24	2009	19.3	0.46	0	1.09	0.04	0	0	0	17.6	0.1	0	0	26466.9	0.03
298	24	2009	0	0	0	2.55	1.22	0	0	0	-2.2	0.1	0	0	26469.4	-0.01
299	24	2009	0	0	0	1.54	1.13	0	0	0	-1.6	0.1	0	0	26471	-0.01
300	24	2009	0	0	0	1.58	1.19	0	0	0	-1.7	0.1	0	0	26472.6	-0.01
301	24	2009	38.61	0.2	0	1.27	0.07	0	0	0	37.0	0.1	0	0	26473.8	0.02
302	24	2009	0	0	0	0.62	0.24	0	0	0	-0.5	0.1	0	0	26474.5	-0.01
303	24	2009	0.51	0	0	1.65	0.79	0	0	0	-1.2	0.1	0	0	26476.1	-0.03
304	24	2009	2.29	0	0	2.15	0.61	0	0	0	0.0	0.1	0	0	26478.3	-0.01
305	24	2009	0	0	0	1.46	0.54	0	0	0	-1.5	0.1	0	0	26479.7	-0.01
306	24	2009	0	0	0	1.34	0.79	0	0	0	-1.4	0.1	0	0	26481.1	0
307	24	2009	0.76	0	0	1.77	0.64	0	0	0	-1.1	0.1	0	0	26482.8	-0.01
308	24	2009	0.25	0	0	0.91	0.19	0	0	0	-0.8	0.1	0	0	26483.7	0.01
309	24	2009	3.3	0.03	0	1.45	0	0	0	0	1.7	0.1	0	0	26485.2	0
310	24	2009	2.54	0.51	1.11	0.86	0	0	0	0	1.1	0.1	0	0	26486	0
311	24	2009	0	0	0	1.49	0.63	0	0	0	-1.1	0.1	0	0	26487.5	0
312	24	2009	0	0	0	1.31	1.11	0	0	0	-1.4	0.1	0	0	26488.8	-0.01
313	24	2009	0	0	0	1.32	1.11	0	0	0	-1.4	0.1	0	0	26490.2	0
314	24	2009	0	0	0	1.05	0.74	0	0	0	-1.2	0.1	0	0	26491.2	0.01
315	24	2009	0	0	0	1.12	0.59	0	0	0	-1.2	0.1	0	0	26492.3	-0.01
316	24	2009	0	0	0	0.93	0.48	0	0	0	-1.0	0.1	0	0	26493.3	0
317	24	2009	0	0	0	1.46	0.97	0	0	0	-1.6	0.1	0	0	26494.7	0
318	24	2009	0	0	0	0.66	0.57	0	0	0	-0.8	0.1	0	0	26495.4	0
319	24	2009	0	0	0	0.84	0.7	0	0	0	-0.9	0.1	0	0	26496.2	-0.01
320	24	2009	0	0	0	1.14	0.46	0	0	0	-1.2	0.1	0	0	26497.4	-0.01
321	24	2009	0	0	0	0.71	0.49	0	0	0	-0.8	0.1	0	0	26498.1	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
322	24	2009	0	0	0	1.11	0.75	0	0	0	-1.2	0.1	0	0	26499.2	0
323	24	2009	12.19	0.14	0	0.93	0.02	0	0	0	11.0	0.1	0	0	26500.1	0.01
324	24	2009	8.89	0	0	1.63	0.11	0	0	0	7.3	0.1	0	0	26501.7	-0.02
325	24	2009	0	0	0	0.52	0.25	0	0	0	-0.6	0.1	0	0	26502.3	-0.01
326	24	2009	0	0	0	0.48	0.24	0	0	0	-0.6	0.1	0	0	26502.7	-0.01
327	24	2009	0	0	0	0.95	0.45	0	0	0	-1.0	0.1	0	0	26503.7	-0.02
328	24	2009	0	0	0	0.45	0.34	0	0	0	-0.5	0.1	0	0	26504.1	0
329	24	2009	1.27	0	0	0.94	0.26	0	0	0	0.2	0.1	0	0	26505.1	0
330	24	2009	0.51	0	0	0.68	0.28	0	0	0	-0.3	0.1	0	0	26505.8	-0.01
331	24	2009	13.46	0.34	0	1.05	0	0	0	0	12.0	0.1	0	0	26506.8	-0.01
332	24	2009	0.76	0	0	1.47	0.17	0	0	0	-0.4	0.1	0	0	26508.3	-0.02
333	24	2009	0	0	0	0.96	0.74	0	0	0	-1.0	0.1	0	0	26509.3	-0.01
334	24	2009	10.92	0.44	0	0.75	0	0	0	0	9.7	0.1	0	0	26510	-0.01
335	24	2009	0.25	0	0	1.07	0.13	0	0	0	-0.5	0.1	0	0	26511.1	-0.01
336	24	2009	3.56	0	0	1.48	0.29	0	0	0	2.0	0.1	0	0	26512.6	-0.01
337	24	2009	1.02	0	0	1.05	0.4	0	0	0	-0.1	0.1	0	0	26513.6	0
338	24	2009	0	0	0	1.07	0.28	0	0	0	-1.1	0.1	0	0	26514.7	-0.01
339	24	2009	0	0	0	0.41	0	0	0	0	-0.5	0.1	0	0	26515.1	0
340	24	2009	0	0	0	0.79	0	0	0	0	-0.9	0.1	0	0	26515.9	0
341	24	2009	0.76	0	0.46	0.73	0	0	0	0	-0.1	0.1	0	0	26516.6	0.01
342	24	2009	0	0	0	0.4	0	0	0	0	-0.5	0.1	0	0	26517	0.01
343	24	2009	12.7	0	0.33	1.09	0	0	11.45	0	0.1	0.1	0	0	26518.1	0
344	24	2009	0	0	0.07	0.3	0	0	-0.22	0	-0.2	0.1	0	0	26518.4	0
345	24	2009	0	0	0	0.36	0	0	-0.05	0	-0.4	0.1	0	0	26518.8	0
346	24	2009	0	0	0.01	0.17	0	0	0.06	0	-0.3	0.1	0	0	26518.9	0
347	24	2009	11.68	0.25	0	0.61	0	0	10.92	0	-0.2	0.1	0	0	26519.5	0
348	24	2009	1.02	0.2	1.08	0.39	0	0	-0.41	0	1.0	0.1	0	0	26519.9	0
349	24	2009	1.02	0	2.25	0.59	0.04	0	-1.59	0	2.1	0.1	0	0	26520.5	-0.01
350	24	2009	0.25	0	0.1	0.35	0	0	-0.09	0	-0.1	0.1	0	0	26520.9	-0.01
351	24	2009	0	0	0	0.1	0	0	0.12	0	-0.3	0.1	0	0	26521	0
352	24	2009	0	0	0	0.05	0	0	0.21	0	-0.3	0.1	0	0	26521	0
353	24	2009	0	0	0	0.14	0	0	0.06	0	-0.3	0.1	0	0	26521.2	0
354	24	2009	0	0	0	0.1	0	0	0.08	0	-0.3	0.1	0	0	26521.3	0
355	24	2009	0.25	0	0	0.12	0	0	0.28	0	-0.2	0.1	0	0	26521.4	0
356	24	2009	0	0	0	0.11	0	0	0.08	0	-0.3	0.1	0	0	26521.5	0
357	24	2009	0	0	0	0.14	0	0	0.01	0	-0.2	0.1	0	0	26521.6	0
358	24	2009	0	0	0	0.06	0	0	0.04	0	-0.2	0.1	0	0	26521.7	0
359	24	2009	9.14	0.07	0	0.76	0	0	8.4	0	-0.2	0.1	0	0	26522.4	-0.01
360	24	2009	5.08	0.12	4.04	0.65	0	0	0.31	0	0.1	0.1	3.93	0	26523.1	0
361	24	2009	2.03	0.11	1.66	0.68	0	0	-0.28	0	0.5	0.1	1.05	0	26523.8	0
362	24	2009	4.57	0.1	0	0.86	0	0	3.78	0	-0.1	0.1	0	0	26524.6	0
363	24	2009	0.25	0	0	0.34	0	0	0.12	0	-0.2	0.1	0	0	26525	-0.01
364	24	2009	0.25	0	0	0.12	0	0	0.21	0	-0.2	0.1	0	0	26525.1	0
365	24	2009	2.03	0.31	0	0.38	0	0	1.39	0	-0.1	0.1	0	0	26525.5	0
1	24	2010	0	0	0	0.32	0	0	0.02	0	-0.1	0.1	0	0	26525.8	-0.01
2	24	2010	0	0	0	0.17	0	0	-0.07	0	-0.2	0.1	0	0	26526	-0.01
3	24	2010	2.54	0.22	0	0.62	0	0	1.8	0	-0.2	0.1	0	0	26526.6	0
4	24	2010	0	0	0	0.25	0	0	0.04	0	-0.2	0.1	0	0	26526.8	0
5	24	2010	0	0	0	0.07	0	0	-0.01	0	-0.1	0.1	0	0	26526.9	0
6	24	2010	0	0	0	0.05	0	0	0	0	-0.1	0.1	0	0	26527	0
7	24	2010	0	0	0	0.05	0	0	-0.01	0	-0.1	0.1	0	0	26527	0
8	24	2010	0	0	0	0.09	0	0	-0.01	0	-0.2	0.1	0	0	26527.1	0
9	24	2010	0	0	0	0.06	0	0	0.06	0	-0.2	0.1	0	0	26527.1	0
10	24	2010	0	0	0	0.06	0	0	0.06	0	-0.2	0.1	0	0	26527.2	0
11	24	2010	0	0	0	0.05	0	0	0.03	0	-0.2	0.1	0	0	26527.2	0
12	24	2010	0	0	0	0.06	0	0	0.03	0	-0.2	0.1	0	0	26527.3	-0.01
13	24	2010	0	0	0	0.04	0	0	0.03	0	-0.2	0.1	0	0	26527.3	0
14	24	2010	0	0	0	0	0	0	0.03	0	-0.1	0.1	0	0	26527.3	0
15	24	2010	0	0	0.41	0.18	0.16	0	-0.46	0	-0.2	0.1	0.41	0	26527.5	0
16	24	2010	0	0	0.28	0	0	0	-0.28	0	-0.1	0.1	0.28	0	26527.5	0
17	24	2010	2.54	0.14	0.06	0.68	0	0	1.68	0	-0.1	0.1	0.06	0	26528.2	0
18	24	2010	0	0	0.8	0.35	0.21	0	-0.82	0	-0.3	0.1	0.79	0	26528.6	0
19	24	2010	2.54	0.62	0.91	0.24	0	0	0.75	0	0.2	0.1	0.63	0	26528.8	0
20	24	2010	0	0.04	0	0.62	0	0	-0.03	0	-0.1	0.1	0	0	26529.4	0
21	24	2010	0	0	0.32	0.05	0	0	-0.29	0	-0.1	0.1	0.3	0	26529.5	0
22	24	2010	0	0	0.22	0.02	0	0	-0.19	0	-0.1	0.1	0.22	0	26529.5	0
23	24	2010	0	0	0.05	0.04	0	0	-0.05	0	-0.1	0.1	0.05	0	26529.5	0
24	24	2010	5.08	0	3.32	0.99	0.09	0	0.84	0	-0.2	0.1	3.32	0	26530.5	0
25	24	2010	15.24	0	18.8	0.87	0.09	0	-4.36	0	0.5	0.1	18.18	0	26531.4	-0.01
26	24	2010	0	0	0.5	0.29	0	0	-0.79	0	0.4	0.1	0	0	26531.7	0
27	24	2010	0	0	0.06	0.44	0	0	-0.47	0	-0.1	0.1	0	0	26532.1	0
28	24	2010	2.54	0	0	1.24	0	0	1.34	0	-0.1	0.1	0	0	26533.3	-0.01
29	24	2010	0	0	0	0.36	0	0	-0.33	0	-0.1	0.1	0	0	26533.7	0
30	24	2010	0	0	0	0.36	0	0	-0.33	0	-0.1	0.1	0	0	26534.1	0
31	24	2010	0	0	0	0.28	0	0	-0.26	0	-0.1	0.1	0	0	26534.3	0
32	24	2010	0	0	0	0.25	0	0	-0.25	0	-0.1	0.1	0	0	26534.6	0
33	24	2010	0	0	0	0.11	0	0	-0.11	0	-0.1	0.1	0	0	26534.7	0
34	24	2010	2.54	0.41	0	0.51	0	0	1.62	0	-0.1	0.1	0	0	26535.2	0
35	24	2010	0	0	0	0.53	0	0	-0.1	0	-0.1	0.1	0	0	26535.8	0
36	24	2010	0	0	0	0.13	0	0	-0.13	0	-0.1	0.1	0	0	26535.9	0
37	24	2010	0	0	0	0.24	0	0	-0.23	0	-0.1	0.1	0	0	26536.1	0
38	24	2010	0	0	0	0.19	0	0	-0.18	0	-0.1	0.1	0	0	26536.3	0
39	24	2010	0	0	0	0.16	0	0	-0.15	0	-0.1	0.1	0	0	26536.5	0
40	24	2010	0	0	0	0.1	0	0	-0.1	0	-0.1	0.1	0	0	26536.6	0
41	24	2010	2.54	0.09	0	0.86	0	0	1.58	0	-0.1	0.1	0	0	26537.4	0
42	24	2010	0	0	0	0.27	0	0	-0.16	0	-0.1	0.1	0	0	26537.7	-0.01
43	24	2010	0	0	0	0.14	0	0	-0.14	0	-0.1	0.1	0	0	26537.9	0
44	24	2010	0	0	0	0.11	0	0	-0.1	0	-0.1	0.1	0	0	26538	0
45	24	2010	0	0	0	0.14	0	0	-0.14	0	-0.1	0.1	0	0	26538.1	0
46	24	2010	0	0	0	0.18	0	0	-0.17	0	-0.1	0.1	0	0	26538.3	-0.01
47	24	2010	0	0	0	0.09	0	0	-0.09	0	-0.1	0.1	0	0	26538.4	0
48	24	2010	2.54	0.02	0	0.91	0	0	1.61	0	-0.1	0.1	0	0	26539.3	0
49	24	2010	0	0	0	0.14	0	0	-0.13	0	-0.1	0.1	0	0	26539.4	0
50	24	2010	2.54	0.12	0	0.79	0	0	1.63	0	-0.1	0.1	0	0	26540.2	0
51	24	2010	0	0	0	0.24	0	0	-0.11	0	-0.1	0.1	0	0	26540.4	-0.01
52	24	2010	0	0	0	0.15	0	0	-0.13	0	-0.1	0.1	0	0	26540.6	-0.01
53	24	2010	5.08	0	0	0.82	0	0	4.27	0	-0.1	0.1	0	0	26541.4	-0.01
54	24	2010	5.08	0.41	0.54	0.41	0	0	3.71	0	-0.1	0.1	0.54	0	26541.8	0
55	24	2010	2.54	0.41	0	0.52	0	0	2.01	0	-0.1	0.1	0	0	26542.3	0
56	24	2010	12.7	0.15	0	0.67	0	0	12.3	0	-0.1	0.1	0	0	26543	0
57	24	2010	10.16	0	9.52	0.84	0	0	-0.06	0	0.0	0.1	9.46	0	26543.9	0
58	24	2010	5.08	0.28	0	0.42	0	0	4.38	0	-0.1	0.1	0	0	26544.3	0
59	24	2010	0	0	0.11	0.28	0	0	-0.11	0	0.0	0.1	0.02	0	26544.6	0
60	24	2010	0	0	0.08	0.06	0	0	-0.14	0	0.0	0.1	0	0	26544.6	0
61	24	2010	0	0	0.04	0.01	0	0	-0.06	0	0.0	0.1	0	0	26544.6	0
62	24	2010	0	0	0.03	0.02	0	0	-0.05	0	0.0	0.1	0	0	26544.6	0
63	24	2010	0	0	0	0.21	0	0	-0.21	0	-0.1	0.1	0	0	26544.9	0
64	24	2010	0	0	0.09	0.18	0	0	-0.27	0	0.0	0.1	0	0	26545	0
65	24	2010	0	0	1.35	0.14	0	0	-1.49	0	1.3	0.1	0	0	26545.2	0
66	24	2010	0	0	0.32	0.81	0.68	0	-0.45	0	-0.4	0.1	0	0	26546	0
67	24	2010	0	0	3.15	0.92	0.86	0	-3.21	0	2.2	0.1	0	0	26546.9	0
68	24	2010	0	0	0	0.96	0.93	0	-0.02	0	-1.0	0.1	0	0	26547.9	0
69	24	2010	0	0	1.85	0.88	0.85	0	-1.88	0	0.9	0.1	0	0	26548.7	0
70	24	2010	0	0	8.12	1.24	1.25	0	-8.11	0	6.8	0.1	0	0	26550	0
71	24	2010	0	0	13.21	0.62	0.66	0	-13.17	0	12.5	0.1	0	0	26550.6	0
72	24	2010	2.54	0	14.95	1.59	0.43	0	-13.56	0	14.4	0.1	0	0	26552.2	0
73	24	2010	0	0	16.34	0.57	0.69	0	-16.23	0	15.6	0.1	0	0	26552.8	0
74	24	2010	0	0	3.17	0.71	0.68	0	-4.49	0	3.7	0.1	0	0	26553.5	-0.01
75	24	2010	0	0	0	1.89	1.25	0	0	0	-2.0	0.1	0	0	26555.4	-0.01
76	24	2010	0	0	0	1.92	1.24	0	0	0	-2.0	0.1	0	0	26557.3	-0.01
77	24	2010	0	0	0	3.22	1.91	0	0	0	-3.3	0.1	0	0	26560.5	-0.02
78	24	2010	0	0	0	2.46	1.44	0	0	0	-2.5	0.1	0	0	26563	-0.01
79	24	2010	0	0	0	2.4	1.06	0	0	0	-2.5	0.1	0	0	26565.4	0
80	24	2010	0	0	0	2.05	1.03	0	0	0	-2.1	0.1	0	0	26567.4	-0.01
81	24	2010	7.62	0.45	0	0.74	0	0	0	0	6.4	0.1	0	0	26568.2	0
82	24	2010	25.4	0.49	0	0.71	0	0	0	0	24.6	0.1	0	0	26568.9	-0.01
83	24	2010	0	0	0	3.46	1.08	0	0	0	-3.0	0.1	0	0	26572.3	-0.02
84	24	2010	7.62	0	0	1.35	0	0	0	0	6.2	0.1	0	0	26573.7	0
85	24	2010	0	0	0	2.32	0	0	0	0	-2.4	0.1	0	0	26576	-0.01
86	24	2010	0	0	0	1.62	0.36	0	0	0	-1.7	0.1	0	0	26577.6	0
87	24	2010	2.54	0	0	2.2	0.35	0	0	0	0.3	0.1	0	0	26579.8	-0.01
88	24	2010	0	0	0	0.63	0.43	0	0	0	-0.7	0.1	0	0	26580.5	0.01
89	24	2010	15.24	0.02	0	1.43	0	0	0	0	13.7	0.1	0	0	26581.9	-0.01
90	24	2010	5.08	0	0	1.69	0.22	0	0	0	3.4	0.1	0	0	26583.6	-0.02
91	24	2010	0	0	0	2.99	1.72	0	0	0	-3.0	0.1	0	0	26586.6	-0.02
92	24	2010	0	0	0	3.46	2.35	0	0	0	-3.5	0.1	0	0	26590	-0.01
93	24	2010	0	0	0	4.87	3.01	0	0	0	-4.9	0.1	0	0	26594.9	-0.03

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
94	24	2010	0	0	0	4.58	1.98	0	0	0	-4.6	0.1	0	0	26599.5	-0.01
95	24	2010	0	0	0	2.89	1.78	0	0	0	-3.0	0.1	0	0	26602.3	0
96	24	2010	5.08	0.37	0	0.86	0.02	0	0	0	3.8	0.1	0	0	26603.2	0.01
97	24	2010	2.54	0	0	2.44	0.78	0	0	0	0.4	0.1	0	0	26605.7	-0.05
98	24	2010	2.54	0	0	4.38	1.74	0	0	0	-1.9	0.1	0	0	26610	-0.04
99	24	2010	0	0	0	1.91	0.49	0	0	0	-2.0	0.1	0	0	26611.9	-0.02
100	24	2010	0	0	0	4.13	1.43	0	0	0	-4.2	0.1	0	0	26616.1	-0.03
101	24	2010	0	0	0	4.26	1.85	0	0	0	-4.3	0.1	0	0	26620.3	0
102	24	2010	0	0	0	3.81	1.37	0	0	0	-3.9	0.1	0	0	26624.1	-0.01
103	24	2010	0	0	0	3.72	1.64	0	0	0	-3.8	0.1	0	0	26627.9	-0.01
104	24	2010	0	0	0	3.95	1.64	0	0	0	-4.0	0.1	0	0	26631.8	-0.02
105	24	2010	0	0	0	3.41	1.57	0	0	0	-3.5	0.1	0	0	26635.2	-0.01
106	24	2010	7.62	0	0	3.39	0.86	0	0	0	4.2	0.1	0	0	26638.6	0
107	24	2010	2.54	0	0	2.89	0.43	0	0	0	-0.4	0.1	0	0	26641.5	-0.03
108	24	2010	0	0	0	2.78	1.09	0	0	0	-2.8	0.1	0	0	26644.3	-0.01
109	24	2010	0	0	0	4.08	1.62	0	0	0	-4.2	0.1	0	0	26648.4	0
110	24	2010	0	0	0	3.73	1.66	0	0	0	-3.8	0.1	0	0	26652.1	-0.01
111	24	2010	0	0	0	4.28	1.94	0	0	0	-4.4	0.1	0	0	26656.4	-0.01
112	24	2010	0	0	0	2.57	0.89	0	0	0	-2.6	0.1	0	0	26658.9	-0.02
113	24	2010	0	0	0	3.82	1.31	0	0	0	-3.9	0.1	0	0	26662.8	-0.01
114	24	2010	0	0	0	3.77	1.73	0	0	0	-3.8	0.1	0	0	26666.5	-0.01
115	24	2010	0	0	0	1.62	0.89	0	0	0	-1.7	0.1	0	0	26668.1	0
116	24	2010	0	0	0	1.85	0.87	0	0	0	-1.9	0.1	0	0	26670	0
117	24	2010	2.54	0	0	2.87	0.34	0	0	0	-0.4	0.1	0	0	26672.9	-0.02
118	24	2010	0	0	0	4.98	1.64	0	0	0	-5.0	0.1	0	0	26677.8	-0.03
119	24	2010	0	0	0	5.25	2	0	0	0	-5.3	0.1	0	0	26683.1	-0.02
120	24	2010	0	0	0	3.43	1.9	0	0	0	-3.5	0.1	0	0	26686.5	0
121	24	2010	2.54	0	0	4.58	1.87	0	0	0	-2.1	0.1	0	0	26691.1	0.01
122	24	2010	0	0	0	2.79	1.75	0	0	0	-2.9	0.1	0	0	26693.9	-0.01
123	24	2010	2.54	0	0	4.71	1.53	0	0	0	-2.2	0.1	0	0	26698.6	-0.04
124	24	2010	15.24	0	0	3.73	1.09	0	0	0	11.5	0.1	0	0	26702.3	-0.03
125	24	2010	0	0	0	5.27	2.83	0	0	0	-5.4	0.1	0	0	26707.6	-0.01
126	24	2010	15.24	0	0	5.29	1.37	0	0	0	9.9	0.1	0	0	26712.9	-0.02
127	24	2010	0	0	0	3.77	1.72	0	0	0	-3.9	0.1	0	0	26716.7	0
128	24	2010	15.24	0	0	3.59	0.91	0	0	0	11.6	0.1	0	0	26720.3	-0.01
129	24	2010	2.54	0	0	2.59	0	0	0	0	-0.1	0.1	0	0	26722.9	-0.02
130	24	2010	0	0	0	4.18	1.64	0	0	0	-4.3	0.1	0	0	26727	-0.01
131	24	2010	0	0	0	2.81	1.42	0	0	0	-2.9	0.1	0	0	26729.8	0
132	24	2010	5.08	0	0	2.1	0.12	0	0	0	2.9	0.1	0	0	26731.9	0
133	24	2010	2.54	0	0	3.54	0.99	0	0	0	-1.1	0.1	0	0	26735.5	-0.01
134	24	2010	12.7	0	0	4.64	2.02	0	0	0	8.0	0.1	0	0	26740.1	0
135	24	2010	0	0	0	3.86	2.03	0	0	0	-3.9	0.1	0	0	26744	-0.03
136	24	2010	0	0	0	5.37	3.06	0	0	0	-5.5	0.1	0	0	26749.4	-0.01
137	24	2010	0	0	0	4.06	2.63	0	0	0	-4.2	0.1	0	0	26753.4	-0.01
138	24	2010	0	0	0	1.32	0.96	0	0	0	-1.4	0.1	0	0	26754.7	0.01
139	24	2010	0	0	0	3.79	2.43	0	0	0	-3.9	0.1	0	0	26758.5	-0.03
140	24	2010	0	0	0	5.35	3.43	0	0	0	-5.5	0.1	0	0	26763.9	-0.01
141	24	2010	0	0	0	5.03	3.39	0	0	0	-5.1	0.1	0	0	26768.9	-0.01
142	24	2010	0	0	0	5.74	3.96	0	0	0	-5.8	0.1	0	0	26774.6	-0.01
143	24	2010	0	0	0	3.55	2.62	0	0	0	-3.7	0.1	0	0	26778.2	0
144	24	2010	0	0	0	5.52	3.51	0	0	0	-5.6	0.1	0	0	26783.7	-0.02
145	24	2010	0	0	0	5.46	3.44	0	0	0	-5.6	0.1	0	0	26789.2	-0.02
146	24	2010	0	0	0	5.34	3.61	0	0	0	-5.5	0.1	0	0	26794.5	-0.01
147	24	2010	0	0	0	3.51	3.17	0	0	0	-3.6	0.1	0	0	26798	-0.02
148	24	2010	0	0	0	2.7	2.52	0	0	0	-2.8	0.1	0	0	26800.7	-0.03
149	24	2010	0	0	0	2.22	2.21	0	0	0	-2.3	0.1	0	0	26802.9	-0.01
150	24	2010	0	0	0	2.16	1.97	0	0	0	-2.3	0.1	0	0	26805.1	-0.03
151	24	2010	0	0	0	1.69	1.68	0	0	0	-1.8	0.1	0	0	26806.8	-0.01
152	24	2010	7.62	0	0	3.06	0.47	0	0	0	4.4	0.1	0	0	26809.8	-0.01
153	24	2010	0	0	0	3.24	1.21	0	0	0	-3.3	0.1	0	0	26813.1	-0.04
154	24	2010	7.62	0	0	3.42	0.6	0	0	0	4.1	0.1	0	0	26816.5	0
155	24	2010	0	0	0	2.9	1.43	0	0	0	-3.0	0.1	0	0	26819.4	-0.03
156	24	2010	17.78	0	0	4.67	1.56	0	0	0	13.0	0.1	0	0	26824.1	-0.01
157	24	2010	30.48	0.25	0	2.75	0.1	0	0	0	27.4	0.1	0	0	26826.8	-0.02
158	24	2010	0	0	0	6.68	4.21	0	0	0	-6.6	0.1	0	0	26833.5	-0.01
159	24	2010	0	0	0	5.75	3.84	0	0	0	-5.9	0.1	0	0	26839.3	0
160	24	2010	7.62	1.12	0	1.64	0.08	0	0	0	4.7	0.1	0	0	26840.9	0.01
161	24	2010	0	0	0	3.32	1.66	0	0	0	-2.3	0.1	0	0	26844.2	0
162	24	2010	0	0	0	5.3	4.13	0	0	0	-5.4	0.1	0	0	26849.5	-0.02
163	24	2010	17.78	0.42	0	2.5	0.2	0	0	0	14.7	0.1	0	0	26852	0
164	24	2010	0	0	0	2.01	1.43	0	0	0	-1.7	0.1	0	0	26854	-0.01
165	24	2010	0	0	0	4.18	3.41	0	0	0	-4.3	0.1	0	0	26858.2	-0.03
166	24	2010	0	0	0	5.81	4.55	0	0	0	-5.9	0.1	0	0	26864	-0.03
167	24	2010	35.56	0	0	3.81	0.75	0	0	0	31.7	0.1	0	0	26867.8	-0.03
168	24	2010	2.54	0	0	3.93	1.41	0	0	0	-1.5	0.1	0	0	26871.8	-0.04
169	24	2010	0	0	0	5.62	4.7	0	0	0	-5.8	0.1	0	0	26877.4	0
170	24	2010	0	0	0	5.28	4.63	0	0	0	-5.4	0.1	0	0	26882.7	-0.01
171	24	2010	0	0	0	6.16	4.88	0	0	0	-6.2	0.1	0	0	26888.8	-0.04
172	24	2010	0	0	0	5.82	4.49	0	0	0	-5.9	0.1	0	0	26894.6	-0.04
173	24	2010	17.78	0	0	3.3	0.25	0	0	0	14.4	0.1	0	0	26897.9	-0.04
174	24	2010	2.54	0	0	6.17	3.51	0	0	0	-3.8	0.1	0	0	26904.1	-0.01
175	24	2010	0	0	0	5.16	4.26	0	0	0	-5.2	0.1	0	0	26909.3	-0.08
176	24	2010	0	0	0	5.72	4.36	0	0	0	-5.8	0.1	0	0	26915	-0.04
177	24	2010	0	0	0	2.29	2.03	0	0	0	-2.4	0.1	0	0	26917.3	-0.02
178	24	2010	0	0	0	4.49	3.95	0	0	0	-4.6	0.1	0	0	26921.8	-0.03
179	24	2010	20.32	0	0	5.11	1.8	0	0	0	15.1	0.1	0	0	26926.9	0.01
180	24	2010	0	0	0	6.11	4.4	-0.01	0	0	-6.2	0.1	0	0	26933	-0.05
181	24	2010	0	0	0	6.1	4.51	0	0	0	-6.2	0.1	0	0	26939.1	-0.05
182	24	2010	0	0	0	5.8	4.45	0	0	0	-5.9	0.1	0	0	26944.9	-0.01
183	24	2010	0	0	0	5.96	4.74	0	0	0	-6.1	0.1	0	0	26950.9	-0.02
184	24	2010	0	0	0	6.15	5.03	0	0	0	-6.3	0.1	0	0	26957	-0.03
185	24	2010	0	0	0	5.94	4.7	0	0	0	-6.1	0.1	0	0	26962.9	-0.02
186	24	2010	0	0	0	5.37	4.29	0	0	0	-5.5	0.1	0	0	26968.3	-0.03
187	24	2010	0	0	0	5.18	3.85	0	0	0	-5.3	0.1	0	0	26973.5	-0.02
188	24	2010	0	0	0	4.52	3.12	0	0	0	-4.6	0.1	0	0	26978	-0.01
189	24	2010	0	0	0	3.24	2.31	0	0	0	-3.4	0.1	0	0	26981.2	-0.01
190	24	2010	15.24	0	0	5.67	2.17	0	0	0	9.5	0.1	0	0	26986.9	-0.03
191	24	2010	2.54	0	0	5.72	2.32	0	0	0	-3.3	0.1	0	0	26992.6	-0.04
192	24	2010	0	0	0	4.28	2.5	0	0	0	-4.4	0.1	0	0	26996.9	-0.04
193	24	2010	0	0	0	3.52	1.93	0	0	0	-3.6	0.1	0	0	27000.4	-0.04
194	24	2010	0	0	0	2.3	1.22	0	0	0	-2.4	0.1	0	0	27002.7	0
195	24	2010	0	0	0	1.98	0.98	0	0	0	-2.1	0.1	0	0	27004.7	-0.01
196	24	2010	0	0	0	1.82	1.09	0	0	0	-1.9	0.1	0	0	27006.5	-0.02
197	24	2010	5.08	0	0	3.4	0.49	0	0	0	1.6	0.1	0	0	27009.9	0
198	24	2010	0	0	0	2.7	0.97	0	0	0	-2.8	0.1	0	0	27012.6	-0.03
199	24	2010	0	0	0	1.4	0.81	0	0	0	-1.5	0.1	0	0	27014	-0.03
200	24	2010	2.54	0	0	2.59	0.45	0	0	0	-0.2	0.1	0	0	27016.6	-0.01
201	24	2010	0	0	0	1.22	0.74	0	0	0	-1.3	0.1	0	0	27017.8	-0.03
202	24	2010	0	0	0	0.36	0.52	0	0	0	-0.5	0.1	0	0	27018.2	-0.01
203	24	2010	0	0	0	0.85	0.66	0	0	0	-1.0	0.1	0	0	27019.1	-0.02
204	24	2010	50.8	0.46	0	1.63	0.05	0	0	0	48.6	0.1	0	0	27020.7	-0.03
205	24	2010	30.48	0	0	4.55	1.33	0	0	0	26.3	0.1	0	0	27025.2	-0.02
206	24	2010	0	0	0	4.12	2.75	0	0	0	-4.2	0.1	0	0	27029.4	-0.03
207	24	2010	0	0	0	6.57	4.41	0	0	0	-6.7	0.1	0	0	27035.9	-0.02
208	24	2010	0	0	0	6.45	4.53	0	0	0	-6.6	0.1	0	0	27042.4	-0.01
209	24	2010	2.54	0	0	5.47	2.69	0	0	0	-3.0	0.1	0	0	27047.9	-0.02
210	24	2010	0	0	0	6.02	3.76	0	0	0	-6.1	0.1	0	0	27053.9	-0.01
211	24	2010	0	0	0	5.98	3.61	0	0	0	-6.1	0.1	0	0	27059.9	-0.02
212	24	2010	0	0	0	5.23	3.25	0	0	0	-5.3	0.1	0	0	27065.1	-0.02
213	24	2010	2.54	0	0	3.87	1.59	0	0	0	-1.5	0.1	0	0	27069	0.04
214	24	2010	0	0	0	5.4	3.53	0	0	0	-5.5	0.1	0	0	27074.4	0
215	24	2010	0	0	0	5.21	3.55	0	0	0	-5.4	0.1	0	0	27079.6	0.02
216	24	2010	0	0	0	5.48	3.36	0	0	0	-5.6	0.1	0	0	27085.1	-0.02
217	24	2010	10.16	0	0	5.16	1.93	0	0	0	4.9	0.1	0	0	27090.2	-0.02
218	24	2010	0	0	0	5.83	2.82	0	0	0	-5.9	0.1	0	0	27096	-0.05
219	24	2010	0	0	0	4.64	2.23	0	0	0	-4.7	0.1	0	0	27100.7	-0.02
220	24	2010	0	0	0	3.41	2.04	0	0	0	-3.5	0.1	0	0	27104.1	-0.02
221	24	2010	12.7	0	0	4.83	1.87	0	0	0	7.7	0.1	0	0	27108.9	0.06
222	24	2010	0	0	0	4.06	1.96	0	0	0	-4.2	0.1	0	0	27113	-0.02
223	24	2010	0	0	0	4.18	1.89	0	0	0	-4.3	0.1	0	0	27117.2	-0.02
224	24	2010	0	0	0	2.09	0.92	0	0	0	-2.2	0.1	0	0	27119.3	-0.04
225	24	2010	0	0	0	4	1.56	0	0	0	-4.1	0.1	0	0	27123.3	-0.04
226	24	2010	0	0	0	2.14	1.44	0	0	0	-2.2	0.1	0	0	27125.4	-0.02
227	24	2010	7.62	0	0	1.33	0.2	0	0	0	6.2	0.1	0	0	27126.7	-0.01
228	24	2010	5.08	0	0	5.23	1.15	0	0	0	-0.3	0.1	0	0	27132	-0.03
229	24	2010	0	0	0	4.83	0.98	0	0	0	-4.9	0.1	0	0	27136.8	-0.06
230	24	2010	0	0	0	2.47	0.74	0	0	0	-2.6	0.1	0	0	27139.3	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
231	24	2010	0	0	0	1.94	0.96	0	0	0	-2.1	0.1	0	0	27141.2	-0.01
232	24	2010	5.08	0	0	4.31	0.5	0	0	0	0.7	0.1	0	0	27145.5	-0.03
233	24	2010	0	0	0	1.45	0.4	0	0	0	-1.6	0.1	0	0	27147	-0.01
234	24	2010	101.6	0.02	0	0.18	0.02	0	0	0	101.3	0.1	0	0	27147.1	-0.01
235	24	2010	15.24	0	0	2.31	0.18	0	0	0	12.9	0.1	0	0	27149.4	-0.03
236	24	2010	0	0	0	3.62	0.39	0	0	0	-3.7	0.1	0	0	27153.1	-0.02
237	24	2010	0	0	0	1.28	0.16	0	0	0	-1.4	0.1	0	0	27154.3	0
238	24	2010	0	0	0	5.53	0.16	0	0	0	-5.7	0.1	0	0	27159.9	0.01
239	24	2010	0	0	0	4.51	0.06	0	0	0	-4.6	0.1	0	0	27164.4	0.01
240	24	2010	0	0	0	4.68	0	0	0	0	-4.8	0.1	0	0	27169.1	0
241	24	2010	0	0	0	3.82	0	0	0	0	-3.9	0.1	0	0	27172.9	-0.01
242	24	2010	0	0	0	3.63	0.01	0	0	0	-3.8	0.1	0	0	27176.5	0
243	24	2010	0	0	0	4.26	0.01	0	0	0	-4.4	0.1	0	0	27180.8	0.01
244	24	2010	0	0	0	4.27	0.01	0	0	0	-4.4	0.1	0	0	27185	-0.02
245	24	2010	0	0	0	4.16	0.02	0	0	0	-4.3	0.1	0	0	27189.2	-0.03
246	24	2010	2.54	0	0	4.31	0.02	0	0	0	-1.9	0.1	0	0	27193.5	0
247	24	2010	0	0	0	5.77	0.02	0	0	0	-5.9	0.1	0	0	27199.3	0.01
248	24	2010	0	0	0	5.8	0.02	0	0	0	-5.9	0.1	0	0	27205.1	0.02
249	24	2010	0	0	0	2.35	0.03	0	0	0	-2.5	0.1	0	0	27207.4	0
250	24	2010	0	0	0	2.78	0.1	0	0	0	-2.9	0.1	0	0	27210.2	0.01
251	24	2010	5.08	0	0	2.28	0.02	0	0	0	2.7	0.1	0	0	27212.5	0.02
252	24	2010	2.54	0	0	1.69	0	0	0	0	0.7	0.1	0	0	27214.2	0.01
253	24	2010	2.54	0	0	3.39	0.02	0	0	0	-1.0	0.1	0	0	27217.6	0.01
254	24	2010	0	0	0	3.36	0.03	0	0	0	-3.5	0.1	0	0	27220.9	0.01
255	24	2010	2.54	0	0	1.1	0.01	0	0	0	1.3	0.1	0	0	27222	0
256	24	2010	2.54	0	0	2.51	0.02	0	0	0	-0.1	0.1	0	0	27224.6	0.01
257	24	2010	0	0	0	3.19	0.03	0	0	0	-3.3	0.1	0	0	27227.7	0.01
258	24	2010	2.54	0	0	2.78	0.02	0	0	0	-0.4	0.1	0	0	27230.5	0.02
259	24	2010	17.78	0	0	1.58	0.02	0	0	0	16.1	0.1	0	0	27232.1	0.02
260	24	2010	0	0	0	2.88	0.03	0	0	0	-3.0	0.1	0	0	27235	0.01
261	24	2010	0	0	0	3.27	0.04	0	0	0	-3.4	0.1	0	0	27238.2	0.01
262	24	2010	0	0	0	1.97	0.03	0	0	0	-2.1	0.1	0	0	27240.2	0.01
263	24	2010	0	0	0	3.68	0.05	0	0	0	-3.8	0.1	0	0	27243.9	0.01
264	24	2010	0	0	0	3.63	0.07	0	0	0	-3.8	0.1	0	0	27247.5	0.02
265	24	2010	2.54	0	0	1.51	0.05	0	0	0	0.9	0.1	0	0	27249	0.01
266	24	2010	0	0	0	2.74	0.05	0	0	0	-2.9	0.1	0	0	27251.8	0.02
267	24	2010	0	0	0	5.09	0.15	0	0	0	-5.2	0.1	0	0	27256.9	0.02
268	24	2010	0	0	0	3.51	0.11	0	0	0	-3.6	0.1	0	0	27260.4	0
269	24	2010	0	0	0	1.71	0.07	0	0	0	-1.8	0.1	0	0	27262.1	0
270	24	2010	20.32	0	0	0.5	0.01	0	0	0	19.7	0.1	0	0	27262.6	0
271	24	2010	10.16	0	0	2.09	0.05	0	0	0	7.9	0.1	0	0	27264.7	0.02
272	24	2010	0	0	0	1.86	0.05	0	0	0	-2.0	0.1	0	0	27266.5	0.01
273	24	2010	66.04	0.03	0	0.48	0	0	0	0	65.4	0.1	0	0	27267	0
274	24	2010	5.08	0	0	2.56	0.03	0	0	0	2.4	0.1	0	0	27269.6	0
275	24	2010	0	0	0	2.89	0.06	0	0	0	-3.0	0.1	0	0	27272.5	0.01
276	24	2010	0	0	0	3.35	0.07	0	0	0	-3.5	0.1	0	0	27275.8	0
277	24	2010	2.54	0	0	1.2	0.01	0	0	0	1.2	0.1	0	0	27277	0
278	24	2010	10.16	0.02	0	0.64	0	0	0	0	9.4	0.1	0	0	27277.7	0.02
279	24	2010	0	0	0	2.08	0.05	0	0	0	-2.2	0.1	0	0	27279.7	0
280	24	2010	10.16	0	0	4.18	0.06	0	0	0	5.9	0.1	0	0	27283.9	0
281	24	2010	0	0	0	5.47	0.13	0	0	0	-5.6	0.1	0	0	27289.4	0
282	24	2010	0	0	0	3.22	0.1	0	0	0	-3.3	0.1	0	0	27292.6	0
283	24	2010	0	0	0	2.46	0.11	0	0	0	-2.6	0.1	0	0	27295.1	0
284	24	2010	0	0	0	1.86	0.08	0	0	0	-2.0	0.1	0	0	27296.9	0
285	24	2010	0	0	0	1.87	0.07	0	0	0	-2.0	0.1	0	0	27298.8	0
286	24	2010	0	0	0	2.13	0.1	0	0	0	-2.2	0.1	0	0	27300.9	0
287	24	2010	10.16	0	0	1.11	0.02	0	0	0	9.0	0.1	0	0	27302	-0.01
288	24	2010	22.86	0	0	1.21	0	0	0	0	21.6	0.1	0	0	27303.2	0
289	24	2010	0	0	0	3.41	0.08	0	0	0	-3.5	0.1	0	0	27306.7	0.01
290	24	2010	0	0	0	2.74	0.1	0	0	0	-2.8	0.1	0	0	27309.4	0
291	24	2010	0	0	0	2.78	0.08	0	0	0	-2.9	0.1	0	0	27312.2	0
292	24	2010	0	0	0	1.77	0.09	0	0	0	-1.9	0.1	0	0	27313.9	0
293	24	2010	0	0	0	2.83	0.13	0	0	0	-2.9	0.1	0	0	27316.8	-0.01
294	24	2010	7.62	0	0	2.82	0.06	0	0	0	4.7	0.1	0	0	27319.6	0
295	24	2010	0	0	0	2.1	0.04	0	0	0	-2.2	0.1	0	0	27321.7	0
296	24	2010	2.54	0	0	1.22	0.05	0	0	0	1.2	0.1	0	0	27322.9	0
297	24	2010	2.54	0	0	0.86	0.01	0	0	0	1.6	0.1	0	0	27323.8	0
298	24	2010	12.7	0	0	0.47	0.05	0	0	0	12.1	0.1	0	0	27324.3	0
299	24	2010	0	0	0	1.42	0.12	0	0	0	-1.5	0.1	0	0	27325.7	0
300	24	2010	7.62	0	0	2.77	0.15	0	0	0	4.8	0.1	0	0	27328.4	-0.02
301	24	2010	0	0	0	3.7	0.13	0	0	0	-3.8	0.1	0	0	27332.1	-0.01
302	24	2010	7.62	0	0	2.23	0.03	0	0	0	5.3	0.1	0	0	27334.4	0
303	24	2010	0	0	0	2.6	0.09	0	0	0	-2.7	0.1	0	0	27337	0
304	24	2010	5.08	0	0	1.78	0.05	0	0	0	3.2	0.1	0	0	27338.8	0
305	24	2010	0	0	0	1.07	0	0	0	0	-1.2	0.1	0	0	27339.8	-0.01
306	24	2010	0	0	0	1.28	0.09	0	0	0	-1.4	0.1	0	0	27341.1	0
307	24	2010	0	0	0	1.44	0.11	0	0	0	-1.5	0.1	0	0	27342.5	-0.01
308	24	2010	7.62	0	0	0.65	0.01	0	0	0	6.9	0.1	0	0	27343.2	0.01
309	24	2010	2.54	0.03	0	0.8	0	0	0	0	1.6	0.1	0	0	27344	-0.01
310	24	2010	0	0	0	1.02	0	0	0	0	-1.1	0.1	0	0	27345	0
311	24	2010	0	0	0	0.81	0.04	0	0	0	-0.9	0.1	0	0	27345.8	0
312	24	2010	0	0	0	1.51	0.06	0	0	0	-1.6	0.1	0	0	27347.3	-0.01
313	24	2010	0	0	0	0.87	0.05	0	0	0	-1.0	0.1	0	0	27348.2	0
314	24	2010	0	0	0	1.27	0.12	0	0	0	-1.4	0.1	0	0	27349.5	0
315	24	2010	0	0	0	0.92	0.15	0	0	0	-1.0	0.1	0	0	27350.4	0
316	24	2010	0	0	0	0.74	0.21	0	0	0	-0.8	0.1	0	0	27351.1	0
317	24	2010	0	0	0	0.75	0.23	0	0	0	-0.9	0.1	0	0	27351.9	0
318	24	2010	0	0	0	1.47	0.2	0	0	0	-1.6	0.1	0	0	27353.3	-0.01
319	24	2010	2.54	0	0	0.79	0.03	0	0	0	1.6	0.1	0	0	27354.1	0
320	24	2010	7.62	0	0	0.96	0.05	0	0	0	6.6	0.1	0	0	27355.1	-0.01
321	24	2010	10.16	0	0	1.75	0.06	0	0	0	8.3	0.1	0	0	27356.8	0
322	24	2010	2.54	0	0	1.07	0.01	0	0	0	1.4	0.1	0	0	27357.9	-0.01
323	24	2010	2.54	0	0	1.13	0	0	0	0	1.3	0.1	0	0	27359	-0.01
324	24	2010	0	0	0	1.65	0.09	0	0	0	-1.8	0.1	0	0	27360.7	0
325	24	2010	0	0	0	1.19	0.07	0	0	0	-1.3	0.1	0	0	27361.9	-0.01
326	24	2010	15.24	0	0	0.22	0.01	0	0	0	14.9	0.1	0	0	27362.1	0.02
327	24	2010	5.08	0	0	1.46	0.11	0	0	0	3.5	0.1	0	0	27363.6	-0.01
328	24	2010	2.54	0	0	1.91	0	0	0	0	0.5	0.1	0	0	27365.5	-0.01
329	24	2010	0	0	0	0.99	0	0	0	0	-1.1	0.1	0	0	27366.5	0
330	24	2010	10.16	0	0	1.35	0.04	0	0	0	8.7	0.1	0	0	27367.8	0
331	24	2010	0	0	0	2.1	0	0	0	0	-2.2	0.1	0	0	27369.9	0
332	24	2010	0	0	0	0.58	0	0	0	0	-0.7	0.1	0	0	27370.5	0.01
333	24	2010	0	0	0	0.59	0.13	0	0	0	-0.7	0.1	0	0	27371.1	0
334	24	2010	7.62	0	0	0.51	0.05	0	0	0	7.0	0.1	0	0	27371.6	0
335	24	2010	35.56	0	0	1.51	0.09	0	0	0	33.9	0.1	0	0	27373.1	-0.01
336	24	2010	0	0	0	1.7	0	0	0	0	-1.8	0.1	0	0	27374.8	-0.01
337	24	2010	0	0	0	0.76	0	0	0	0	-0.9	0.1	0	0	27375.6	0.01
338	24	2010	0	0	0	0.98	0	0	0	0	-1.1	0.1	0	0	27376.5	0
339	24	2010	7.62	0	0	0.73	0	0	7.56	0	-0.8	0.1	0	0	27377.3	-0.01
340	24	2010	27.94	0	0	-0.01	0	0	28.07	0	-0.3	0.2	0	0	27377.3	0
341	24	2010	53.34	0	0	-0.04	0	0	53.42	0	-0.2	0.2	0	0	27377.2	0
342	24	2010	35.56	0	0	-0.02	0	0	35.61	0	-0.2	0.2	0	0	27377.2	0
343	24	2010	2.54	0	0	-0.04	0	0	2.61	0	-0.2	0.2	0	0	27377.2	0
344	24	2010	0	0	0	-0.01	0	0	0.03	0	-0.2	0.2	0	0	27377.1	0
345	24	2010	0	0	0	-0.01	0	0	0.04	0	-0.2	0.2	0	0	27377.1	0
346	24	2010	2.54	0	3.09	-0.1	0	0	-0.44	0	2.9	0.2	0	0	27377	0
347	24	2010	0	0	1.91	0.34	0	0	-2.25	0	1.8	0.2	0	0	27377.4	0
348	24	2010	5.08	0	0.02	-0.12	0	0	5.17	0	-0.1	0.2	0	0	27377.3	0
349	24	2010	7.62	0	0	-0.16	0	0	7.78	0	-0.2	0.2	0	0	27377.1	0
350	24	2010	2.54	0	0	-0.11	0	0	2.66	0	-0.2	0.2	0	0	27377	0
351	24	2010	0	0	0	-0.06	0	0	0.08	0	-0.2	0.2	0	0	27376.9	0
352	24	2010	0	0	0	-0.12	0	0	0.14	0	-0.2	0.2	0	0	27376.8	0
353	24	2010	0	0	0	-0.05	0	0	0.08	0	-0.2	0.2	0	0	27376.8	0
354	24	2010	0	0	0	-0.06	0	0	0.1	0	-0.2	0.2	0	0	27376.7	0
355	24	2010	0	0	0.36	0.05	0	0	-0.36	0	0.1	0.2	0	0	27376.8	0
356	24	2010	0	0	0.92	-0.01	0	0	-0.86	0	0.7	0.2	0	0	27376.7	0
357	24	2010	0	0	1.07	0.13	0	0	-1.15	0	0.8	0.2	0	0	27376.9	0
358	24	2010	0	0	0.93	0.06	0	0	-0.94	0	0.7	0.2	0	0	27376.9	0
359	24	2010	0	0	0.92	-0.04	0	0	-0.83	0	0.7	0.2	0	0	27376.9	0
360	24	2010	0	0	0.65	0	0	0	-0.6	0	0.4	0.2	0	0	27376.9	0
361	24	2010	0	0	0.45	0.28	0	0	-0.68	0	0.2	0.2	0	0	27377.2	0
362	24	2010	0	0	0.27	0.2	0	0	-0.43	0	0.0	0.2	0	0	27377.4	0
363	24	2010	0	0	0.49	0.12	0	0	-0.56	0	0.2	0.3	0	0	27377.5	0
364	24	2010	0	0	0.73	-0.08	0	0	-0.6	0	0.4	0.3	0	0	27377.4	0
365	24	2010	0	0	0.72	-0.09	0	0	-0.59	0	0.4	0.3	0	0	27377.3	0
1	24	2011	0	0	7.54	-0.31	0	0	-7.18	0	7.2	0.3	0	0	27377	0
2	24	2011	2.54	0	7.85	0.22	0	0	-5.48	0	7.5	0.3	0	0	27377.2	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
3	24	2011	0	0	2.36	0.37	0	0	-2.69	0	2.0	0.3	0	0	27377.6	0
4	24	2011	0	0	1.58	0.15	0	0	-1.69	0	1.3	0.3	0	0	27377.8	0
5	24	2011	2.54	0	0.73	-0.04	0	0	1.9	0	0.4	0.3	0	0	27377.7	0
6	24	2011	0	0	0.25	-0.09	0	0	-0.12	0	-0.1	0.3	0	0	27377.6	0
7	24	2011	0	0	0	-0.07	0	0	0.11	0	-0.4	0.3	0	0	27377.6	0
8	24	2011	0	0	0	-0.07	0	0	0.12	0	-0.4	0.3	0	0	27377.5	0
9	24	2011	2.54	0	0	0	0	0	2.59	0	-0.4	0.3	0	0	27377.5	0
10	24	2011	0	0	0	-0.02	0	0	0.05	0	-0.4	0.3	0	0	27377.5	0
11	24	2011	2.54	0	0	-0.07	0	0	2.65	0	-0.4	0.3	0	0	27377.4	0
12	24	2011	55.88	0	0	-0.11	0	0	56.03	0	-0.4	0.4	0	0	27377.3	0
13	24	2011	2.54	0	0	-0.04	0	0	2.61	0	-0.4	0.4	0	0	27377.3	0
14	24	2011	0	0	0	-0.05	0	0	0.08	0	-0.4	0.4	0	0	27377.2	0
15	24	2011	2.54	0	0.54	0.04	0	0	1.99	0	0.1	0.4	0	0	27377.2	0
16	24	2011	5.08	0	0.61	0.02	0	0	4.48	0	0.2	0.4	0	0	27377.3	0
17	24	2011	0	0	0.66	-0.07	0	0	-0.56	0	0.2	0.4	0	0	27377.2	0
18	24	2011	0	0	0.63	-0.08	0	0	-0.52	0	0.2	0.4	0	0	27377.1	0
19	24	2011	2.54	0	0.64	0	0	0	1.93	0	0.2	0.4	0	0	27377.1	0
20	24	2011	0	0	0.71	-0.09	0	0	-0.59	0	0.3	0.4	0	0	27377	0
21	24	2011	5.08	0	0.67	-0.08	0	0	4.52	0	0.2	0.4	0	0	27377	0
22	24	2011	0	0	0.62	-0.01	0	0	-0.58	0	0.1	0.4	0	0	27376.9	0
23	24	2011	0	0	0.6	-0.09	0	0	-0.48	0	0.1	0.5	0	0	27376.9	0
24	24	2011	0	0	0.44	-0.05	0	0	-0.36	0	-0.1	0.5	0	0	27376.8	0
25	24	2011	2.54	0	0.19	-0.01	0	0	2.39	0	-0.3	0.5	0	0	27376.8	0
26	24	2011	0	0	0.18	-0.06	0	0	-0.09	0	-0.3	0.5	0	0	27376.7	0
27	24	2011	0	0	0.42	-0.09	0	0	-0.3	0	-0.1	0.5	0	0	27376.6	0
28	24	2011	0	0	0.61	-0.07	0	0	-0.51	0	0.1	0.5	0	0	27376.6	0
29	24	2011	0	0	0.6	-0.06	0	0	-0.51	0	0.1	0.5	0	0	27376.5	0
30	24	2011	0	0	0.44	0	0	0	-0.41	0	-0.1	0.5	0	0	27376.5	0
31	24	2011	0	0	0.46	0	0	0	-0.43	0	-0.1	0.5	0	0	27376.5	0
32	24	2011	7.62	0	0.12	0	0	0	7.52	0	-0.4	0.5	0	0	27376.5	0
33	24	2011	53.34	0	0	0.08	0	0	53.28	0	-0.6	0.5	0	0	27376.6	0
34	24	2011	0	0	0	-0.12	0	0	0.14	0	-0.6	0.5	0	0	27376.5	0
35	24	2011	0	0	0	0.11	0	0	-0.09	0	-0.6	0.6	0	0	27376.6	0
36	24	2011	17.78	0	0.36	-0.02	0	0	17.47	0	-0.2	0.6	0	0	27376.6	0
37	24	2011	0	0	0.49	0.02	0	0	-0.48	0	-0.1	0.6	0	0	27376.6	0
38	24	2011	5.08	0	0.52	-0.01	0	0	4.6	0	-0.1	0.6	0	0	27376.6	0
39	24	2011	5.08	0	0.82	0.05	0	0	4.24	0	0.2	0.6	0	0	27376.6	0
40	24	2011	0	0	1.04	0.11	0	0	-1.12	0	0.4	0.6	0	0	27376.7	0
41	24	2011	0	0	1.1	-0.01	0	0	-1.06	0	0.5	0.6	0	0	27376.7	0
42	24	2011	0	0	1.02	-0.03	0	0	-0.96	0	0.4	0.6	0	0	27376.7	0
43	24	2011	2.54	0	0.82	0.06	0	0	1.68	0	0.2	0.6	0	0	27376.8	0
44	24	2011	0	0	0.65	0.21	0	0	-0.84	0	0.0	0.6	0	0	27377	0
45	24	2011	5.08	0	3.05	0.15	0	0	1.91	0	2.4	0.6	0	0	27377.1	0
46	24	2011	0	0	3.34	0.05	0	0	-3.37	0	2.7	0.6	0	0	27377.2	0
47	24	2011	0	0	1.15	0.1	0	0	-1.23	0	0.5	0.6	0	0	27377.3	0
48	24	2011	0	0	1.51	-0.04	0	0	-1.45	0	0.9	0.6	0	0	27377.2	0
49	24	2011	0	0	20.55	0.16	0	0	-20.68	0	19.9	0.6	0	0	27377.4	0
50	24	2011	2.54	0	6.73	1.33	0	0	-5.5	0	6.1	0.6	0	0	27378.7	0
51	24	2011	0	0	1.1	0.07	0	0	-1.15	0	0.5	0.6	0	0	27378.8	0
52	24	2011	2.54	0	1.05	0.02	0	0	1.5	0	0.4	0.6	0	0	27378.8	0
53	24	2011	0	0	1.06	-0.02	0	0	-1.02	0	0.4	0.6	0	0	27378.8	0
54	24	2011	0	0	1.07	-0.01	0	0	-1.03	0	0.4	0.6	0	0	27378.8	0
55	24	2011	0	0	0.88	0.04	0	0	-0.9	0	0.2	0.6	0	0	27378.8	0
56	24	2011	10.16	0	0.19	0.03	0	0	9.97	0	-0.5	0.6	0	0	27378.9	0
57	24	2011	0	0	0.36	0.07	0	0	-0.4	0	-0.3	0.6	0	0	27378.9	0
58	24	2011	2.54	0	0.17	-0.05	0	0	2.44	0	-0.5	0.6	0	0	27378.9	0
59	24	2011	10.16	0	9.02	0.03	0	0	1.13	0	8.4	0.6	0	0	27378.9	0
60	24	2011	0	0	4.33	0.26	0	0	-4.57	0	3.7	0.7	0	0	27379.2	0
61	24	2011	0	0	0.98	0.93	0	0	-1.89	0	0.3	0.7	0	0	27380.1	0
62	24	2011	0	0	0.95	0.12	0	0	-1.05	0	0.3	0.7	0	0	27380.2	0
63	24	2011	0	0	0.96	0.5	0	0	-1.44	0	0.3	0.7	0	0	27380.7	0
64	24	2011	2.54	0	18.37	-0.55	0	0	-15.26	0	17.7	0.7	0	0	27380.2	0
65	24	2011	22.86	0	40.32	0.15	0	0	-17.6	0	39.6	0.7	0	0	27380.3	0
66	24	2011	12.7	0	4.13	0.19	0	0	8.4	0	3.4	0.7	0	0	27380.5	0
67	24	2011	0	0	0.95	-0.01	0	0	-0.92	0	0.2	0.7	0	0	27380.5	0
68	24	2011	0	0	0.93	0.92	0	0	-1.82	0	0.2	0.7	0	0	27381.4	0
69	24	2011	10.16	0	20.12	-0.47	0	0	-9.46	0	19.4	0.7	0	0	27380.9	0
70	24	2011	2.54	0	21.62	-0.11	0	0	-18.95	0	20.9	0.7	0	0	27380.8	0
71	24	2011	0	0	15.17	0.07	0	0	-15.22	0	14.4	0.7	0	0	27380.9	0
72	24	2011	0	0	11.91	0.13	0	0	-12.02	0	11.1	0.8	0	0	27381	0
73	24	2011	0	0	14.96	0.15	0	0	-15.09	0	14.2	0.8	0	0	27381.2	0
74	24	2011	0	0	17.99	0.09	0	0	-18.06	0	17.2	0.8	0	0	27381.3	0
75	24	2011	5.08	0	21.31	-0.23	0	0	-15.97	0	20.4	0.9	0	0	27381	0
76	24	2011	0	0	30.91	-0.07	0.04	0	-30.78	0	29.9	1.0	0	0	27381	-0.04
77	24	2011	0	0	49.68	-0.24	0.29	0	-49.13	0	47.8	1.1	0.52	0	27380.7	0
78	24	2011	0	0	21.86	0.44	0.13	0	-22.09	0	20.4	1.3	0	0	27381.2	0
79	24	2011	0	0	11.23	0.55	0.28	0	-13.66	0	11.5	1.6	0	0	27381.7	0
80	24	2011	10.16	0	0	0.84	0.04	0	0	0	6.9	2.4	0	0	27382.6	0.01
81	24	2011	0	0	0	1.19	0	0	0	0	-5.2	4.0	0	0	27383.8	-0.02
82	24	2011	7.62	0	0.09	0.92	0	0	7.01	0	-6.8	6.5	0	0	27384.7	-0.01
83	24	2011	0	0	1.94	0.27	0	0	-1.96	0	-7.6	9.3	0	0	27384.9	-0.01
84	24	2011	0	0	0.48	0.59	0	0	-0.77	0	-11.0	11.2	0	0	27385.5	0
85	24	2011	0	0	0.45	0.55	0	0	-0.62	0	-11.9	12.0	0	0	27386.1	0
86	24	2011	0	0	0.72	0.65	0	0	-0.92	0	-12.0	11.9	0.37	0	27386.7	0
87	24	2011	0	0	0.97	0.92	0	0	-1.39	0	-11.9	11.4	0.97	0	27387.7	0
88	24	2011	0	0	0.93	0.86	0	0	-1.36	0	-11.0	10.7	0.73	0	27388.5	0.01
89	24	2011	0	0	0	1.33	0.51	0	0	0	-11.3	10.0	0	0	27389.8	-0.01
90	24	2011	2.54	0.02	0	0.84	0	0	0	0	-7.6	9.3	0	0	27390.7	0
91	24	2011	2.54	0.08	0	0.98	0	0	0	0	-7.1	8.6	0	0	27391.7	0
92	24	2011	0	0	0	4.14	0.68	0	0	0	-12.1	8.0	0	0	27395.8	-0.02
93	24	2011	0	0	0	3.56	0.72	0	0	0	-11.1	7.5	0	0	27399.4	-0.01
94	24	2011	12.7	0	0	1.91	0.37	0	0	0	3.7	7.1	0	0	27401.3	-0.01
95	24	2011	10.16	0	0	2.91	0.47	0	0	0	0.6	6.7	0	0	27404.2	-0.03
96	24	2011	0	0	0	2.31	0.42	0	0	0	-8.7	6.4	0	0	27406.5	-0.02
97	24	2011	0	0	0	2.81	0.68	0	0	0	-8.9	6.1	0	0	27409.3	0
98	24	2011	0	0	0	2.35	0.6	0	0	0	-8.1	5.8	0	0	27411.7	0
99	24	2011	0	0	0	2.92	0.88	0	0	0	-8.4	5.5	0	0	27414.6	-0.01
100	24	2011	0	0	0	2.04	0.73	0	0	0	-7.3	5.3	0	0	27416.6	-0.02
101	24	2011	0	0	0	4.85	1.62	0	0	0	-10.0	5.1	0	0	27421.5	0
102	24	2011	0	0	0	4.18	1.03	0	0	0	-9.1	4.9	0	0	27425.7	-0.02
103	24	2011	17.78	0	0	1.43	0.14	0	0	0	11.6	4.8	0	0	27427.1	-0.01
104	24	2011	0	0	0	3.22	0.65	0	0	0	-7.8	4.6	0	0	27430.3	-0.03
105	24	2011	0	0	0	4.08	0.78	0	0	0	-8.5	4.4	0	0	27434.4	-0.02
106	24	2011	7.62	0	0	2.71	0.33	0	0	0	0.7	4.3	0	0	27437.1	-0.02
107	24	2011	12.7	0	0	2.98	0.34	0	0	0	5.7	4.1	0	0	27440.1	-0.03
108	24	2011	2.54	0	0	2.47	0.24	0	0	0	-3.9	4.0	0	0	27442.5	-0.02
109	24	2011	2.54	0	0	1.45	0.08	0	0	0	-2.7	3.8	0	0	27444	-0.01
110	24	2011	35.56	0	0	3.85	0.82	0	0	0	28.0	3.7	0	0	27447.8	-0.01
111	24	2011	0	0	0	3.09	0.39	0	0	0	-6.6	3.6	0	0	27450.9	-0.04
112	24	2011	0	0	0	3.04	0.72	0	0	0	-6.5	3.5	0	0	27454	-0.01
113	24	2011	22.86	0	0	3.16	0.71	0	0	0	16.4	3.4	0	0	27457.1	-0.02
114	24	2011	0	0	0	1.11	0.47	0	0	0	-4.4	3.3	0	0	27458.2	-0.01
115	24	2011	12.7	0	0	1.44	0.15	0	0	0	8.1	3.2	0	0	27459.7	-0.02
116	24	2011	50.8	0	0	1.8	0.55	0	0	0	33.3	3.2	12.55	0	27461.5	0.02
117	24	2011	10.16	0	0	4.81	1.2	0	0	0	2.2	3.2	0	0	27466.3	-0.02
118	24	2011	15.24	0	0	5.81	1.1	0	0	0	6.3	3.1	0	0	27472.1	-0.03
119	24	2011	0	0	0	2.9	0.68	0	0	0	-6.0	3.2	0	0	27475	-0.03
120	24	2011	0	0	0	4.46	1.06	0	0	0	-7.7	3.3	0	0	27479.5	-0.02
121	24	2011	0	0	0	3.75	1.25	0	0	0	-7.1	3.4	0	0	27483.2	-0.02
122	24	2011	0	0	0	1.4	0.59	0	0	0	-5.0	3.6	0	0	27484.6	0
123	24	2011	25.4	0.33	0	0.73	0.02	0	0	0	20.5	3.8	0	0	27485.3	-0.01
124	24	2011	5.08	0	0	2.34	0.1	0	0	0	-0.9	4.0	0	0	27487.7	-0.03
125	24	2011	0	0	0	5.66	1.18	0	0	0	-9.9	4.2	0	0	27493.3	-0.03
126	24	2011	0	0	0	5.06	1.46	0	0	0	-9.4	4.4	0	0	27498.4	0
127	24	2011	0	0	0	3.91	1.12	0	0	0	-8.4	4.5	0	0	27502.3	-0.01
128	24	2011	0	0	0	4.07	1.11	0	0	0	-8.6	4.6	0	0	27506.4	-0.02
129	24	2011	0	0	0	5.28	1.33	0	0	0	-9.9	4.6	0	0	27511.7	-0.01
130	24	2011	0	0	0	4.69	1.44	0	0	0	-9.3	4.6	0	0	27516.3	-0.01
131	24	2011	0	0	0	5.07	1.57	0	0	0	-9.7	4.6	0	0	27521.4	-0.02
132	24	2011	0	0	0	4.92	1.68	0	0	0	-9.5	4.6	0	0	27526.3	-0.02
133	24	2011	0	0	0	4.63	1.59	0	0	0	-9.1	4.5	0	0	27531	-0.02
134	24	2011	0	0	0	1.23	0.57	0	0	0	-5.6	4.4	0	0	27532.2	0
135	24	2011	15.24	0.1	0	1.04	0.01	0	0	0	9.8	4.3	0	0	27533.2	-0.01
136	24	2011	12.7	0.09	0	1.38	0.01	0	0	0	7.2	4.2	0	0	27534.6	0
137	24	2011	0	0	0	2.16	0.63	0	0	0	-6.1	4.0	0	0	27536.8	-0.02
138	24	2011	2.54	0	0	3.21	0.69	0	0	0	-4.5	3.9	0	0	27540	-0.02
139	24	2011	12.7	0	0	3.31	0.77	0	0	0	5.7	3.7	0	0	27543.3	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
140	24	2011	0	0	0	3.03	1.07	0	0	0	-6.6	3.6	0	0	27546.3	-0.02
141	24	2011	0	0	0	3.49	1.29	0	0	0	-6.9	3.5	0	0	27549.8	-0.01
142	24	2011	0	0	0	3.09	1.11	0	0	0	-6.4	3.3	0	0	27552.9	-0.04
143	24	2011	0	0	0	3.89	1.26	0	0	0	-7.1	3.2	0	0	27556.8	-0.03
144	24	2011	0	0	0	4.28	1.26	0	0	0	-7.4	3.1	0	0	27561.1	-0.03
145	24	2011	0	0	0	4.59	1.44	0	0	0	-7.6	3.0	0	0	27565.7	-0.04
146	24	2011	5.08	0	0	5.63	1.74	0	0	0	-3.5	3.0	0	0	27571.3	-0.01
147	24	2011	12.7	0	0	2.87	0.68	0	0	0	7.0	2.9	0	0	27574.2	-0.01
148	24	2011	0	0	0	3.47	1.37	0	0	0	-6.2	2.8	0	0	27577.6	-0.03
149	24	2011	0	0	0	4.7	1.77	0	0	0	-7.4	2.7	0	0	27582.3	-0.02
150	24	2011	2.54	0	0	5.43	1.38	0	0	0	-5.5	2.7	0	0	27587.8	-0.02
151	24	2011	0	0	0	5.71	2.02	0	0	0	-8.3	2.6	0	0	27593.5	-0.02
152	24	2011	0	0	0	9.26	2.85	0	0	0	-11.8	2.5	0	0	27602.7	-0.03
153	24	2011	0	0	0	7.63	1.72	0	0	0	-10.0	2.5	0	0	27610.4	-0.06
154	24	2011	0	0	0	5.94	1.6	0	0	0	-8.3	2.4	0	0	27616.3	-0.02
155	24	2011	0	0	0	2.58	1.03	0	0	0	-4.9	2.4	0	0	27618.9	0
156	24	2011	0	0	0	2.91	1.15	0	0	0	-5.2	2.3	0	0	27621.8	0
157	24	2011	0	0	0	5.01	1.7	0	0	0	-7.2	2.2	0	0	27626.8	-0.02
158	24	2011	0	0	0	5.34	1.95	0	0	0	-7.5	2.2	0	0	27632.1	-0.02
159	24	2011	0	0	0	6.07	2.49	0	0	0	-8.2	2.1	0	0	27638.2	-0.01
160	24	2011	0	0	0	6.49	2.43	0	0	0	-8.5	2.1	0	0	27644.7	-0.04
161	24	2011	0	0	0	4.48	1.53	0	0	0	-6.5	2.0	0	0	27649.2	-0.03
162	24	2011	2.54	0	0	3.37	0.87	0	0	0	-2.8	2.0	0	0	27652.5	-0.02
163	24	2011	7.62	0	0	2.76	0.49	0	0	0	3.0	1.9	0	0	27655.3	-0.03
164	24	2011	0	0	0	3.62	1.23	0	0	0	-5.5	1.9	0	0	27658.9	-0.03
165	24	2011	0	0	0	3.61	1.26	0	0	0	-5.4	1.8	0	0	27662.5	-0.02
166	24	2011	0	0	0	6.16	2.11	0	0	0	-7.9	1.8	0	0	27668.7	-0.02
167	24	2011	0	0	0	5.5	2.11	0	0	0	-7.2	1.7	0	0	27674.2	-0.03
168	24	2011	0	0	0	3	1.36	0	0	0	-4.7	1.7	0	0	27677.2	0.01
169	24	2011	0	0	0	4.22	2.57	0	0	0	-5.8	1.6	0	0	27681.4	-0.02
170	24	2011	0	0	0	3.25	2.91	0	0	0	-4.8	1.6	0	0	27684.7	-0.02
171	24	2011	0	0	0	3.28	3.12	0	0	0	-4.8	1.6	0	0	27687.9	-0.01
172	24	2011	0	0	0	3.44	3.42	0	0	0	-5.0	1.5	0	0	27691.4	-0.01
173	24	2011	17.78	0	0	1.59	0.41	0	0	0	14.7	1.5	0	0	27693	-0.02
174	24	2011	22.86	0	0	3.6	1.02	0	0	0	17.8	1.4	0	0	27696.6	-0.02
175	24	2011	20.32	0	0	4.16	1.23	0	0	0	14.8	1.4	0	0	27700.7	-0.01
176	24	2011	5.08	0	0	2.21	0.34	0	0	0	1.5	1.4	0	0	27702.9	-0.03
177	24	2011	0	0	0	2.47	0.94	0	0	0	-3.8	1.3	0	0	27705.4	-0.02
178	24	2011	0	0	0	4.52	1.68	0	0	0	-5.8	1.3	0	0	27709.9	-0.01
179	24	2011	5.08	0	0	3.79	1.3	0	0	0	0.0	1.3	0	0	27713.7	0.01
180	24	2011	0	0	0	2.71	0.91	0	0	0	-3.9	1.2	0	0	27716.4	-0.03
181	24	2011	0	0	0	6.67	2.17	0	0	0	-7.9	1.2	0	0	27723.1	-0.02
182	24	2011	0	0	0	6.02	2.13	0	0	0	-7.2	1.2	0	0	27729.1	-0.01
183	24	2011	0	0	0	5.75	2.23	0	0	0	-6.9	1.2	0	0	27734.9	-0.01
184	24	2011	0	0	0	4.66	2.06	0	0	0	-5.8	1.1	0	0	27739.5	0
185	24	2011	0	0	0	7.01	2.59	0	0	0	-8.1	1.1	0	0	27746.5	-0.02
186	24	2011	0	0	0	5.83	2.24	0	0	0	-6.9	1.1	0	0	27752.4	-0.01
187	24	2011	5.08	0	0	6.12	2.1	0	0	0	-2.1	1.1	0	0	27758.5	0
188	24	2011	0	0	0	5.37	2.02	0	0	0	-6.4	1.0	0	0	27763.9	-0.01
189	24	2011	33.02	0	0	3.72	1.11	0	0	0	28.3	1.0	0	0	27767.6	-0.01
190	24	2011	0	0	0	6.14	1.98	0	0	0	-7.1	1.0	0	0	27773.7	-0.01
191	24	2011	0	0	0	5.22	2.18	0	0	0	-6.2	1.0	0	0	27778.9	-0.01
192	24	2011	0	0	0	5.57	2.44	0	0	0	-6.5	1.0	0	0	27784.5	-0.01
193	24	2011	0	0	0	6.93	2.73	0	0	0	-7.8	0.9	0	0	27791.4	-0.03
194	24	2011	0	0	0	5.75	2.08	0	0	0	-6.6	0.9	0	0	27797.2	-0.02
195	24	2011	0	0	0	6.1	2.24	0	0	0	-7.0	0.9	0	0	27803.3	-0.02
196	24	2011	0	0	0	5.41	2.42	0	0	0	-6.3	0.9	0	0	27808.7	0
197	24	2011	0	0	0	3.79	3.32	0	0	0	-4.7	0.9	0	0	27812.5	0
198	24	2011	0	0	0	3.95	3.86	0	0	0	-4.8	0.9	0	0	27816.4	-0.01
199	24	2011	12.7	0	0	4.05	1.6	0	0	0	7.8	0.8	0	0	27820.5	-0.01
200	24	2011	0	0	0	5.32	2.01	0	0	0	-6.2	0.8	0	0	27825.8	0
201	24	2011	0	0	0	5.53	2.26	0	0	0	-6.3	0.8	0	0	27831.3	-0.02
202	24	2011	0	0	0	5.99	3.21	0	0	0	-6.8	0.8	0	0	27837.3	0
203	24	2011	0	0	0	3.89	3.61	0	0	0	-4.7	0.8	0	0	27841.2	-0.02
204	24	2011	0	0	0	3.09	3.14	0	0	0	-3.9	0.8	0	0	27844.3	-0.01
205	24	2011	0	0	0	2.82	2.7	0	0	0	-3.6	0.8	0	0	27847.1	-0.01
206	24	2011	7.62	0	0	2.54	0.71	0	0	0	4.3	0.8	0	0	27849.7	0
207	24	2011	2.54	0	0	5.48	1.3	0	0	0	-3.7	0.7	0	0	27855.2	-0.03
208	24	2011	0	0	0	4.71	1.59	0	0	0	-5.4	0.7	0	0	27859.9	-0.01
209	24	2011	0	0	0	2.06	1.19	0	0	0	-2.8	0.7	0	0	27861.9	-0.01
210	24	2011	22.86	0	0	1.81	0.52	0	0	0	20.4	0.7	0	0	27863.7	-0.03
211	24	2011	0	0	0	6.27	2.37	0	0	0	-6.9	0.7	0	0	27870	-0.02
212	24	2011	0	0	0	4.61	1.94	0	0	0	-5.3	0.7	0	0	27874.6	-0.01
213	24	2011	0	0	0	6.14	2.5	0	0	0	-6.8	0.7	0	0	27880.8	-0.04
214	24	2011	0	0	0	5.11	2.51	0	0	0	-5.8	0.7	0	0	27885.9	-0.01
215	24	2011	17.78	0	0	1.89	0.54	0	0	0	15.3	0.7	0	0	27887.8	-0.02
216	24	2011	0	0	0	4.79	1.94	0	0	0	-5.4	0.6	0	0	27892.6	-0.02
217	24	2011	0	0	0	3.26	1.51	0	0	0	-3.9	0.6	0	0	27895.8	0
218	24	2011	5.08	0	0	2.28	0.49	0	0	0	2.2	0.6	0	0	27898.1	-0.02
219	24	2011	7.62	0	0	3.29	0.89	0	0	0	3.7	0.6	0	0	27901.4	-0.01
220	24	2011	0	0	0	4.74	1.83	0	0	0	-5.3	0.6	0	0	27906.1	-0.02
221	24	2011	35.56	0	0	2.14	0.28	0	0	0	32.9	0.6	0	0	27908.3	-0.04
222	24	2011	17.78	0	0	5.27	1.5	0	0	0	12.0	0.6	0	0	27913.5	-0.03
223	24	2011	0	0	0	4.47	1.72	0	0	0	-5.0	0.6	0	0	27918	-0.03
224	24	2011	0	0	0	5.47	2.21	0	0	0	-6.0	0.6	0	0	27923.5	-0.01
225	24	2011	0	0	0	4.58	2.03	0	0	0	-5.1	0.6	0	0	27928.1	-0.01
226	24	2011	2.54	0	0	2.1	0.46	0	0	0	-0.2	0.6	0	0	27930.2	0.07
227	24	2011	12.7	0.33	0	1.1	0.05	0	0	0	10.7	0.6	0	0	27931.3	0
228	24	2011	2.54	0	0	4.99	1.28	0	0	0	-2.7	0.5	0	0	27936.3	-0.02
229	24	2011	0	0	0	4.14	1.89	0	0	0	-4.7	0.5	0	0	27940.4	-0.01
230	24	2011	0	0	0	4.83	2.08	0	0	0	-5.4	0.5	0	0	27945.2	-0.01
231	24	2011	0	0	0	4.32	1.89	0	0	0	-4.8	0.5	0	0	27949.5	-0.02
232	24	2011	0	0	0	4.89	2.1	0	0	0	-5.4	0.5	0	0	27954.4	-0.01
233	24	2011	17.78	0	0	2.45	0.51	0	0	0	14.9	0.5	0	0	27956.9	-0.05
234	24	2011	5.08	0	0	5.56	1.36	0	0	0	-0.9	0.5	0	0	27962.4	-0.04
235	24	2011	0	0	0	4.8	1.89	0	0	0	-5.3	0.5	0	0	27967.2	-0.01
236	24	2011	0	0	0	4.47	2.06	0	0	0	-4.9	0.5	0	0	27971.7	-0.02
237	24	2011	12.7	0	0	3.9	1.27	0	0	0	8.3	0.5	0	0	27975.6	-0.01
238	24	2011	0	0	0	3.57	1.59	0	0	0	-4.0	0.5	0	0	27979.2	-0.02
239	24	2011	0	0	0	3.4	1.56	0	0	0	-3.9	0.5	0	0	27982.6	-0.01
240	24	2011	27.94	0	0	2.11	0.27	0	0	0	25.4	0.5	0	0	27984.7	-0.02
241	24	2011	0	0	0	4.52	1.76	0	0	0	-5.0	0.5	0	0	27989.2	-0.01
242	24	2011	0	0	0	4.47	1.97	0	0	0	-4.9	0.5	0	0	27993.7	-0.01
243	24	2011	0	0	0	3.14	1.61	0	0	0	-3.6	0.5	0	0	27996.8	-0.01
244	24	2011	2.54	0	0	3.22	0.96	0	0	0	-1.1	0.4	0	0	28000	0.01
245	24	2011	0	0	0	4.17	1.9	0	0	0	-4.6	0.4	0	0	28004.2	-0.01
246	24	2011	0	0	0	3.18	1.76	0	0	0	-3.6	0.4	0	0	28007.4	0
247	24	2011	0	0	0	3.67	1.83	0	0	0	-4.1	0.4	0	0	28011	-0.02
248	24	2011	22.86	0.05	0	1.58	0.04	0	0	0	20.8	0.4	0	0	28012.6	-0.02
249	24	2011	2.54	0	0	2.45	0.27	0	0	0	-0.3	0.4	0	0	28015.1	-0.01
250	24	2011	38.1	0.23	0	1.17	0.04	0	0	0	36.3	0.4	0	0	28016.3	0
251	24	2011	5.08	0	0	2.37	0.44	0	0	0	2.5	0.4	0	0	28018.6	0
252	24	2011	0	0	0	2.72	1.37	0	0	0	-3.1	0.4	0	0	28021.3	-0.01
253	24	2011	0	0	0	3.63	1.6	0	0	0	-4.0	0.4	0	0	28025	-0.01
254	24	2011	0	0	0	2.45	1.17	0	0	0	-2.8	0.4	0	0	28027.4	0
255	24	2011	0	0	0	3.5	1.7	0	0	0	-3.9	0.4	0	0	28030.9	-0.02
256	24	2011	0	0	0	4.03	2.02	0	0	0	-4.4	0.4	0	0	28034.9	-0.03
257	24	2011	0	0	0	3.68	1.52	0	0	0	-4.1	0.4	0	0	28038.6	-0.02
258	24	2011	7.62	0	0	2.54	0.3	0	0	0	4.7	0.4	0	0	28041.2	-0.03
259	24	2011	0	0	0	3.26	1.21	0	0	0	-3.6	0.4	0	0	28044.4	0
260	24	2011	0	0	0	2.3	1	0	0	0	-2.7	0.4	0	0	28046.7	0.01
261	24	2011	0	0	0	3.37	1.49	0	0	0	-3.7	0.4	0	0	28050.1	-0.02
262	24	2011	2.54	0	0	3.88	1.11	0	0	0	-1.7	0.4	0	0	28054	-0.02
263	24	2011	7.62	0	0	1.9	0.33	0	0	0	5.4	0.4	0	0	28055.9	-0.03
264	24	2011	0	0	0	2.97	1.49	0	0	0	-3.3	0.4	0	0	28058.9	-0.04
265	24	2011	15.24	0	0	1.78	0.34	0	0	0	13.1	0.4	0	0	28060.6	0.03
266	24	2011	5.08	0	0	2.18	0.31	0	0	0	2.6	0.4	0	0	28062.8	-0.04
267	24	2011	0	0	0	1.37	0.69	0	0	0	-1.7	0.4	0	0	28064.2	-0.01
268	24	2011	0	0	0	2.78	1.55	0	0	0	-3.1	0.4	0	0	28067	-0.01
269	24	2011	0	0	0	2.92	1.59	0	0	0	-3.3	0.4	0	0	28069.9	-0.03
270	24	2011	0	0	0	1.47	0.9	0	0	0	-1.8	0.4	0	0	28071.4	0
271	24	2011	0	0	0	2.35	1.24	0	0	0	-2.7	0.4	0	0	28073.7	-0.05
272	24	2011	30.48	0.36	0	1.32	0.08	0	0	0	28.5	0.4	0	0	28075	-0.02
273	24	2011	0	0	0	3.05	1.21	0	0	0	-3.0	0.4	0	0	28078.1	-0.03
274	24	2011	2.54	0.22	0	1.69	0.05	0	0	0	0.3	0.4	0	0	28079.8	-0.01
275	24	2011	12.7	0	0	2.2	0.15	0	0	0	10.4	0.4	0	0	28082	-0.02
276	24	2011	0	0	0	1.35	0.77	0	0	0	-1.7	0.4	0	0	28083.3	0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
277	24	2011	0	0	0	0.94	0.48	0	0	0	-1.3	0.3	0	0	28084.3	-0.02
278	24	2011	0	0	0	2.58	1.3	0	0	0	-2.9	0.3	0	0	28086.8	-0.02
279	24	2011	0	0	0	2.51	1.49	0	0	0	-2.8	0.3	0	0	28089.3	-0.01
280	24	2011	0	0	0	2.32	1.65	0	0	0	-2.7	0.3	0	0	28091.7	-0.01
281	24	2011	0	0	0	2.4	1.86	0	0	0	-2.7	0.3	0	0	28094.1	-0.02
282	24	2011	0	0	0	2.34	1.87	0	0	0	-2.7	0.3	0	0	28096.4	-0.02
283	24	2011	0	0	0	2.43	1.83	0	0	0	-2.8	0.3	0	0	28098.8	-0.02
284	24	2011	0	0	0	1.96	1.52	0	0	0	-2.3	0.3	0	0	28100.8	-0.02
285	24	2011	2.54	0	0	2.1	0.16	0	0	0	0.1	0.3	0	0	28102.9	-0.01
286	24	2011	5.08	0	0	2.12	0.15	0	0	0	2.7	0.3	0	0	28105	-0.03
287	24	2011	7.62	0	0	2.08	0.29	0	0	0	5.2	0.3	0	0	28107.1	-0.03
288	24	2011	7.62	0	0	2.82	0.19	0	0	0	4.5	0.3	0	0	28109.9	-0.03
289	24	2011	5.08	0	0	2.52	0.27	0	0	0	2.2	0.3	0	0	28112.4	-0.02
290	24	2011	0	0	0	1.66	0.91	0	0	0	-2.0	0.3	0	0	28114.1	-0.02
291	24	2011	0	0	0	2.23	1.53	0	0	0	-2.6	0.4	0	0	28116.3	-0.01
292	24	2011	0	0	0	1.92	1.37	0	0	0	-2.3	0.4	0	0	28118.3	-0.01
293	24	2011	7.62	0	0	2.55	0.35	0	0	0	4.7	0.4	0	0	28120.8	-0.01
294	24	2011	0	0	0	1.75	0.9	0	0	0	-2.1	0.4	0	0	28122.6	-0.04
295	24	2011	0	0	0	1.14	0.6	0	0	0	-1.5	0.4	0	0	28123.7	-0.01
296	24	2011	0	0	0	1.63	1.26	0	0	0	-2.0	0.4	0	0	28125.3	-0.02
297	24	2011	7.62	0.29	0	1.89	0.1	0	0	0	5.1	0.4	0	0	28127.2	-0.01
298	24	2011	0	0	0	2.27	1.29	0	0	0	-2.3	0.4	0	0	28129.5	-0.02
299	24	2011	10.16	1.54	0	0.53	0.03	0	0	0	7.7	0.4	0	0	28130	0.01
300	24	2011	12.7	1.18	0	1.32	0	0	0	0	11.4	0.4	0	0	28131.3	0.03
301	24	2011	0	0	0	1.47	0.05	0	0	0	-0.6	0.4	0	0	28132.8	-0.01
302	24	2011	0	0	0	0.57	0	0	0	0	-0.9	0.4	0	0	28133.4	-0.01
303	24	2011	0	0	0	1.46	1.11	0	0	0	-1.8	0.4	0	0	28134.8	-0.02
304	24	2011	0	0	0	1.4	1.03	0	0	0	-1.7	0.4	0	0	28136.2	-0.02
305	24	2011	0	0	0	1.49	1.4	0	0	0	-1.9	0.4	0	0	28137.7	-0.01
306	24	2011	0	0	0	1.74	1.54	0	0	0	-2.1	0.4	0	0	28139.5	-0.02
307	24	2011	0	0	0	1.54	1.31	0	0	0	-1.9	0.4	0	0	28141	-0.01
308	24	2011	0	0	0	1.85	1.24	0	0	0	-2.2	0.4	0	0	28142.9	-0.02
309	24	2011	0	0	0	0.98	0.86	0	0	0	-1.4	0.4	0	0	28143.8	0
310	24	2011	0	0	0	1.74	1.45	0	0	0	-2.1	0.4	0	0	28145.6	-0.01
311	24	2011	0	0	0	0.97	0.87	0	0	0	-1.3	0.4	0	0	28146.5	-0.02
312	24	2011	0	0	0	0.84	0.85	0	0	0	-1.2	0.4	0	0	28147.4	0
313	24	2011	0	0	0	2.19	1.8	0	0	0	-2.5	0.4	0	0	28149.6	-0.03
314	24	2011	0	0	0	1.34	1.05	0	0	0	-1.7	0.4	0	0	28150.9	-0.01
315	24	2011	5.08	0.64	0	1.94	0	0	0	0	2.1	0.4	0	0	28152.9	-0.02
316	24	2011	0	0	0	2.06	1.09	0	0	0	-1.8	0.4	0	0	28154.9	-0.01
317	24	2011	0	0	0	1.91	1.74	0	0	0	-2.3	0.4	0	0	28156.8	-0.01
318	24	2011	22.86	0	0	2.22	0.23	0	0	0	20.2	0.4	0	0	28159	0.01
319	24	2011	0	0	0	0.85	0.66	0	0	0	-1.2	0.4	0	0	28159.9	-0.03
320	24	2011	2.54	0.91	0	0.96	0.05	0	0	0	0.3	0.4	0	0	28160.9	-0.03
321	24	2011	0	0	0	2.26	0.57	0	0	0	-1.7	0.4	0	0	28163.1	-0.02
322	24	2011	0	0	0	1.27	0.58	0	0	0	-1.6	0.4	0	0	28164.4	-0.05
323	24	2011	0	0	0	1.97	1.68	0	0	0	-2.4	0.4	0	0	28166.4	-0.01
324	24	2011	0	0	0	1.39	1.25	0	0	0	-1.8	0.4	0	0	28167.7	-0.01
325	24	2011	0	0	0	0.37	0	0	0	0	-0.8	0.4	0	0	28168.1	-0.01
326	24	2011	15.24	0.8	2.14	0.85	0	0	11.71	0	1.5	0.4	0	0	28169	0
327	24	2011	20.32	1.1	26.68	0.7	0	0	-7.15	0	26.1	0.4	0	0	28169.7	0
328	24	2011	0	0.44	4.73	0.68	0	0	-4.55	0	4.1	0.4	0	0	28170.3	0
329	24	2011	0	0	0	1.3	0.74	0	0	0	-1.3	0.4	0	0	28171.6	0
330	24	2011	0	0	0	1.06	0.96	0	0	0	-1.5	0.4	0	0	28172.7	-0.01
331	24	2011	0	0	0	1.19	1.17	0	0	0	-1.6	0.4	0	0	28173.9	0
332	24	2011	5.08	1.18	0	0.78	0.05	0	0	0	2.7	0.4	0	0	28174.7	0
333	24	2011	10.16	1.33	0	0.57	0	0	0	0	9.0	0.4	0	0	28175.2	-0.01
334	24	2011	2.54	0	0	2.67	0	0	0	0	0.8	0.4	0	0	28177.9	-0.01
335	24	2011	0	0	0	0.77	0.59	0	0	0	-1.2	0.4	0	0	28178.7	-0.02
336	24	2011	0	0	0	0.28	0	0	0	0	-0.7	0.4	0	0	28179	-0.01
337	24	2011	0	0	0	0.78	0.57	0	0	0	-1.2	0.4	0	0	28179.7	-0.02
338	24	2011	0	0	0	1.31	1.23	0	0	0	-1.7	0.4	0	0	28181.1	-0.02
339	24	2011	5.08	1.38	0	0.55	0.05	0	0	0	2.7	0.4	0	0	28181.6	0.01
340	24	2011	5.08	1.49	0	0.55	0	0	0	0	4.0	0.4	0	0	28182.2	0
341	24	2011	2.54	1.59	0	0.56	0	0	0	0	1.5	0.4	0	0	28182.7	0
342	24	2011	0	0	0	2.08	0	0	0	0	-0.9	0.4	0	0	28184.8	-0.02
343	24	2011	0	0	0	0.37	0	0	0	0	-0.8	0.4	0	0	28185.2	0
344	24	2011	0	0	0	0.75	0	0	0	0	-1.2	0.4	0	0	28185.9	0
345	24	2011	0	0	0	0.5	0	0	0	0	-1.0	0.5	0	0	28186.4	0
346	24	2011	0	0	0	0.65	0.54	0	0	0	-1.1	0.5	0	0	28187.1	0
347	24	2011	0	0	0	0.3	0.25	0	0	0	-0.8	0.5	0	0	28187.4	0
348	24	2011	0	0	0	0.67	0.67	0	0	0	-1.1	0.5	0	0	28188	0
349	24	2011	10.16	0.13	0	1.73	0.09	0	0	0	7.8	0.5	0	0	28189.8	0.01
350	24	2011	2.54	0	0	2.25	0.24	0	0	0	0.0	0.5	0	0	28192	-0.02
351	24	2011	2.54	0.48	0.3	1.48	0	0	0.98	0	-0.9	0.5	0	0	28193.5	-0.01
352	24	2011	0	0	0	0.61	0	0	0.56	0	-1.2	0.5	0	0	28194.1	0
353	24	2011	2.54	0.15	2.35	1.37	0	0	-1.54	0	2.1	0.5	0	0	28195.5	0.01
354	24	2011	0	0	0	0.32	0	0	0	0	-0.7	0.5	0	0	28195.8	0
355	24	2011	10.16	1.49	0	0.27	0.01	0	0	0	7.9	0.5	0	0	28196.1	0.02
356	24	2011	2.54	1.22	0	0.62	0	0	0	0	1.7	0.5	0	0	28196.7	-0.01
357	24	2011	10.16	0.84	0.7	0.92	0	0	9.11	0	0.0	0.5	0	0	28197.6	0
358	24	2011	0	0.23	0	0.67	0	0	0.16	0	-0.7	0.5	0	0	28198.3	-0.01
359	24	2011	0	0	0.75	0.56	0.32	0	-0.63	0	-0.2	0.5	0	0	28198.8	-0.01
360	24	2011	2.54	0.93	2.84	0.5	0	0	-1.65	0	2.2	0.5	0	0	28199.3	0
361	24	2011	7.62	0.95	9.02	0.78	0	0	-2.11	0	8.4	0.5	0	0	28200.1	0
362	24	2011	2.54	0	0.53	1.89	0	0	1.24	0	-0.2	0.5	0	0	28202	-0.01
363	24	2011	0	0	0	0.18	0	0	0.06	0	-0.8	0.5	0	0	28202.2	0
364	24	2011	0	0	1.31	0.03	0	0	-1.24	0	0.7	0.6	0	0	28202.2	0.01
365	24	2011	0	0	3.21	0.22	0.24	0	-3.19	0	2.4	0.6	0	0	28202.4	0
1	24	2012	2.54	0.07	2.33	1.45	0.06	0	-1.75	0	2.2	0.6	0	0	28203.9	0
2	24	2012	2.54	0	0.44	1.92	0	0	0.75	0	-0.6	0.6	0	0	28205.8	-0.02
3	24	2012	2.54	0.49	0	1.27	0	0	1.53	0	-1.3	0.6	0	0	28207.1	-0.01
4	24	2012	0	0	0	0.64	0	0	0.29	0	-1.0	0.6	0	0	28207.7	0
5	24	2012	0	0	0.46	0.09	0	0	-0.38	0	-0.3	0.6	0	0	28207.8	0
6	24	2012	0	0	1.85	0.62	0.6	0	-2.19	0	0.1	0.6	0.93	0	28208.4	0
7	24	2012	0	0	0	0.77	0.78	0	0	0	-1.4	0.6	0	0	28209.2	0
8	24	2012	0	0	0	0.4	0	0	0	0	-1.0	0.6	0	0	28209.6	0
9	24	2012	0	0	0	0.93	0.48	0	0	0	-1.5	0.6	0	0	28210.5	-0.01
10	24	2012	0	0	0	0.54	0.51	0	0	0	-1.2	0.6	0	0	28211.1	0
11	24	2012	0	0	0	0.78	0.65	0	0	0	-1.4	0.6	0	0	28211.8	0
12	24	2012	17.78	1.09	0	0.59	0	0	0	0	15.5	0.6	0	0	28212.4	0.01
13	24	2012	20.32	0	0.48	1.6	0	0	19.54	0	-0.4	0.6	0	0	28214	-0.01
14	24	2012	0	0	0	0.07	0	0	0.09	0	-0.8	0.7	0	0	28214.1	-0.01
15	24	2012	0	0	0	0.04	0	0	0.24	0	-0.9	0.7	0	0	28214.1	0
16	24	2012	0	0	0.15	0.04	0	0	-0.01	0	-0.7	0.7	0	0	28214.2	0
17	24	2012	12.7	0.51	14.24	0.83	0	0	-2.88	0	13.6	0.7	0	0	28215	0.01
18	24	2012	0	0	0.92	0.63	0	0	-0.94	0	0.2	0.7	0	0	28215.6	-0.01
19	24	2012	0	0	0.17	0.15	0	0	-0.13	0	-0.7	0.7	0	0	28215.8	0
20	24	2012	0	0	0.03	0.18	0	0	0	0	-0.9	0.7	0	0	28216	0
21	24	2012	5.08	0.55	0	0.76	0	0	3.95	0	-0.9	0.7	0	0	28216.7	0
22	24	2012	0	0	0	0.57	0	0	0.11	0	-0.8	0.7	0	0	28217.3	0
23	24	2012	0	0	3.02	0.49	0.52	0	-3	0	-0.9	0.7	2.65	0	28217.8	0.01
24	24	2012	0	0	4.07	0.53	0.53	0	-4.09	0	2.5	0.7	0.34	0	28218.3	-0.01
25	24	2012	0	0	1.25	0.05	0	0	-1.3	0	0.5	0.7	0	0	28218.4	0
26	24	2012	2.54	0.77	2.09	0.59	0	0	-0.88	0	1.3	0.7	0	0	28218.9	0.01
27	24	2012	25.4	0.79	28.27	0.78	0	0	-3.69	0	5.3	0.7	22.24	0	28219.7	0
28	24	2012	0	0	2.64	1.46	0.64	0	-2.61	0	1.2	0.7	0	0	28221.2	0
29	24	2012	0	0	2.12	0.09	0	0	-2.13	0	1.3	0.7	0	0	28221.3	0
30	24	2012	5.08	0.48	0.05	1.19	0	0	3.52	0	-0.9	0.7	0	0	28222.5	0
31	24	2012	0	0	3.61	1.21	0.73	0	-3.49	0	2.0	0.8	0	0	28223.7	0
32	24	2012	5.08	0	1.71	1.69	0.12	0	-2.31	0	4.6	0.8	0.36	0	28225.4	0
33	24	2012	0	0	0	0.29	0	0	0	0	-1.1	0.8	0	0	28225.6	0
34	24	2012	0	0	0	0.29	0	0	0	0	-1.1	0.8	0	0	28225.9	0.01
35	24	2012	0	0	0	0.31	0	0	0	0	-1.1	0.8	0	0	28226.2	0
36	24	2012	0	0	0	0.28	0	0	0	0	-1.1	0.8	0	0	28226.5	0
37	24	2012	0	0	0	1.48	1.3	0	0	0	-2.3	0.8	0	0	28228	0
38	24	2012	0	0	0	0.28	0	0	0	0	-1.1	0.8	0	0	28228.3	0.02
39	24	2012	0	0	0	0.4	0	0	0	0	-1.2	0.8	0	0	28228.7	0
40	24	2012	0	0	0	1.02	0.56	0	0	0	-1.8	0.8	0	0	28229.7	0
41	24	2012	0	0	0	0.32	0	0	0	0	-1.2	0.8	0	0	28230	0
42	24	2012	0	0	0	0.75	0	0	0	0	-1.6	0.8	0	0	28230.8	-0.01
43	24	2012	2.54	0.52	0	1.19	0	0	1.33	0	-1.3	0.8	0	0	28232	-0.01
44	24	2012	0	0	0.44	0.59	0	0	-0.34	0	-1.0	0.9	0.44	0	28232.6	0
45	24	2012	0	0	0.9	0.13	0	0	-0.99	0	-1.0	0.9	0.6	0.4	28232.7	0
46	24	2012	0	0	0	0.04	0	0	0	0	-0.7	0.9	0	0.21	28232.7	0
47	24	2012	7.62	0.99	0	0.63	0	0	0	0	-0.9	0.9	6.26	0	28233.4	0
48	24	2012	0	0	0	1.38	0.33	0	0	0	-1.3	0.9	0	0	28234.7	-0.01

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
49	24	2012	2.54	0.38	1	1.17	0	0	0	0	0.1	0.9	0	0	28235.9	-0.01
50	24	2012	0	0	0	0.58	0	0	0	0	-1.1	0.9	0	0	28236.5	0
51	24	2012	0	0	0	0.48	0	0	0	0	-1.4	0.9	0	0	28237	0
52	24	2012	0	0	0	0.8	0.33	0	0	0	-1.7	0.9	0	0	28237.8	-0.01
53	24	2012	2.54	0	0	1.44	0.1	0	0	0	-0.5	0.9	0.72	0	28239.2	0
54	24	2012	2.54	0.26	0	1.16	0	0	0	0	0.2	0.9	0	0	28240.4	-0.01
55	24	2012	2.54	0.36	0	1.35	0	0	0	0	0.2	0.9	0	0	28241.7	0
56	24	2012	5.08	0	0.73	2.17	0	0	2.88	0	-0.5	0.9	0	0	28243.9	-0.01
57	24	2012	0	0	1.73	0.17	0	0	-1.45	0	0.4	0.9	0	0	28244	0
58	24	2012	0	0	1.09	0.93	0.82	0	-1.43	0	-0.4	0.9	0	0	28245	0.01
59	24	2012	0	0	0	0.48	0	0	0	0	-1.4	0.9	0	0	28245.5	0.01
60	24	2012	2.54	0.33	0.54	1.12	0	0	0.71	0	-0.6	0.9	0	0	28246.6	0
61	24	2012	10.16	1.05	0.38	0.55	0	0	-0.71	0	8.7	0.9	0	0	28247.1	0.02
62	24	2012	2.54	0	0	2.14	0.08	0	0	0	0.5	0.9	0	0	28249.3	-0.01
63	24	2012	2.54	0	0	3.24	1.02	0	0	0	-1.6	0.9	0	0	28252.5	-0.04
64	24	2012	2.54	0	0.77	1.87	0	0	0	0	-0.2	0.9	0	0	28254.4	-0.01
65	24	2012	0	0	0	1.41	0	0	0	0	-2.3	0.9	0	0	28255.8	0
66	24	2012	0	0	0	0.79	0.41	0	0	0	-1.7	0.9	0	0	28256.6	0
67	24	2012	0	0	0	2.33	2.25	0	0	0	-3.2	0.9	0	0	28258.9	0
68	24	2012	10.16	0	0	1.99	0.43	0	0	0	7.3	0.9	0	0	28260.9	-0.02
69	24	2012	2.54	0	1.24	1.99	0	0	0	0	-0.3	0.9	0	0	28262.9	-0.02
70	24	2012	0	0	0	0.86	0	0	0	0	-1.8	0.9	0	0	28263.7	0
71	24	2012	0	0	0	2.17	1.8	0	0	0	-3.1	0.9	0	0	28265.9	-0.01
72	24	2012	0	0	0	1.65	1.44	0	0	0	-2.5	0.9	0	0	28267.6	-0.02
73	24	2012	0	0	0	2.27	1.98	0	0	0	-3.2	0.9	0	0	28269.8	0
74	24	2012	0	0	0	3.23	1.99	0	0	0	-4.1	0.9	0	0	28273.1	-0.01
75	24	2012	0	0	0	2.05	1.54	0	0	0	-3.0	0.9	0	0	28275.1	0
76	24	2012	12.7	0.39	0	1.23	0.1	0	0	0	10.2	0.9	0	0	28276.4	-0.01
77	24	2012	0	0	0	2.49	1.47	0	0	0	-3.0	0.9	0	0	28278.8	-0.01
78	24	2012	0	0	0	2.63	2.14	0	0	0	-3.5	0.9	0	0	28281.5	-0.03
79	24	2012	0	0	0	1.56	1.44	0	0	0	-2.5	0.9	0	0	28283	-0.02
80	24	2012	0	0	0	2.3	1.76	0	0	0	-3.2	0.9	0	0	28285.3	-0.03
81	24	2012	0	0	0	3.08	2.22	0	0	0	-4.0	0.9	0	0	28288.4	-0.02
82	24	2012	0	0	0	3.1	2.21	0	0	0	-4.0	0.9	0	0	28291.5	-0.01
83	24	2012	0	0	0	2.19	1.48	0	0	0	-3.1	0.9	0	0	28293.7	-0.02
84	24	2012	2.54	0	0	2.93	0.71	0	0	0	-1.3	0.9	0	0	28296.6	-0.02
85	24	2012	0	0	0	0.97	0.51	0	0	0	-1.9	0.9	0	0	28297.6	0
86	24	2012	0	0	0	3.93	1.5	0	0	0	-4.8	0.9	0	0	28301.5	-0.03
87	24	2012	0	0	0	2.25	0.5	0	0	0	-3.2	0.9	0	0	28303.8	0
88	24	2012	2.54	0	0	3.25	1.3	0	0	0	-1.6	0.9	0	0	28307	-0.01
89	24	2012	2.54	0	0	2	0	0	0	0	-0.3	0.9	0	0	28309	-0.02
90	24	2012	0	0	0	2.53	0.99	0	0	0	-3.4	0.9	0	0	28311.5	-0.02
91	24	2012	0	0	0	1.13	0.46	0	0	0	-2.0	0.9	0	0	28312.7	0
92	24	2012	2.54	0.47	0	1.17	0	0	0	0	0.0	0.9	0	0	28313.8	0.01
93	24	2012	0	0	0	3.53	1.33	0	0	0	-3.9	0.9	0	0	28317.4	-0.01
94	24	2012	0	0	0	2.63	1.28	0	0	0	-3.5	0.9	0	0	28320	-0.02
95	24	2012	0	0	0	2.75	1.54	0	0	0	-3.6	0.9	0	0	28322.8	-0.01
96	24	2012	0	0	0	1.85	0.51	0	0	0	-2.7	0.9	0	0	28324.6	-0.01
97	24	2012	0	0	0	3.16	1.34	0	0	0	-4.0	0.9	0	0	28327.8	0
98	24	2012	0	0	0	3.58	1.73	0	0	0	-4.4	0.9	0	0	28331.3	-0.01
99	24	2012	0	0	0	3.97	2.04	0	0	0	-4.8	0.9	0	0	28335.3	-0.01
100	24	2012	0	0	0	3.41	1.82	0	0	0	-4.3	0.9	0	0	28338.7	-0.02
101	24	2012	0	0	0	2.89	1.43	0	0	0	-3.7	0.9	0	0	28341.6	-0.01
102	24	2012	0	0	0	1.95	0.99	0	0	0	-2.8	0.9	0	0	28343.6	-0.01
103	24	2012	0	0	0	3.47	1.72	0	0	0	-4.3	0.8	0	0	28347	-0.02
104	24	2012	0	0	0	3.99	2.13	0	0	0	-4.8	0.8	0	0	28351	-0.01
105	24	2012	0	0	0	3.04	1.82	0	0	0	-3.8	0.8	0	0	28354	-0.02
106	24	2012	0	0	0	0.84	0.77	0	0	0	-1.7	0.8	0	0	28354.9	-0.01
107	24	2012	0	0	0	4.73	3.25	0	0	0	-5.5	0.8	0	0	28359.6	-0.03
108	24	2012	0	0	0	4.61	2.25	0	0	0	-5.4	0.8	0	0	28364.2	-0.03
109	24	2012	0	0	0	3.45	1.64	0	0	0	-4.2	0.8	0	0	28367.7	-0.01
110	24	2012	0	0	0	3.91	2.3	0	0	0	-4.7	0.8	0	0	28371.6	-0.01
111	24	2012	0	0	0	5.24	3.1	0	0	0	-6.0	0.8	0	0	28376.8	0
112	24	2012	12.7	0	0	2.09	0.39	0	0	0	9.9	0.8	0	0	28378.9	-0.03
113	24	2012	5.08	0	0	2.31	0.09	0	0	0	2.0	0.8	0	0	28381.2	-0.01
114	24	2012	22.86	0	0	2.33	0.07	0	0	0	19.8	0.8	0	0	28383.6	-0.02
115	24	2012	0	0	0	2.53	1.08	0	0	0	-3.2	0.7	0	0	28386.1	-0.03
116	24	2012	0	0	0	2.31	0.97	0	0	0	-3.0	0.7	0	0	28388.4	-0.02
117	24	2012	5.08	0	0	2.54	0.59	0	0	0	1.8	0.7	0	0	28390.9	-0.01
118	24	2012	0	0	0	2.18	0.79	0	0	0	-2.9	0.7	0	0	28393.1	-0.02
119	24	2012	0	0	0	3.47	1.31	0	0	0	-4.2	0.7	0	0	28396.6	0.01
120	24	2012	0	0	0	4	1.62	0	0	0	-4.7	0.7	0	0	28400.6	0
121	24	2012	0	0	0	2.67	1.48	0	0	0	-3.4	0.7	0	0	28403.3	0
122	24	2012	10.16	0.37	0	1.09	0.08	0	0	0	8.0	0.7	0	0	28404.4	0
123	24	2012	0	0	0	2.61	1.46	0	0	0	-2.9	0.7	0	0	28407	-0.01
124	24	2012	0	0	0	3.05	1.88	0	0	0	-3.7	0.7	0	0	28410	-0.01
125	24	2012	15.24	0	0	3.28	1.01	0	0	0	11.3	0.7	0	0	28413.3	-0.02
126	24	2012	0	0	0	4.15	1.96	0	0	0	-4.8	0.7	0	0	28417.5	-0.01
127	24	2012	0	0	0	5.01	2.4	0	0	0	-5.6	0.6	0	0	28422.5	-0.03
128	24	2012	7.62	0	0	3.32	1.09	0	0	0	3.7	0.6	0	0	28425.8	-0.01
129	24	2012	33.02	0.21	0	1.29	0.06	0	0	0	30.9	0.6	0	0	28427.1	0.02
130	24	2012	0	0	0	2.57	1.3	0	0	0	-3.0	0.6	0	0	28429.6	-0.01
131	24	2012	0	0	0	2.61	1.08	0	0	0	-3.2	0.6	0	0	28432.2	-0.03
132	24	2012	0	0	0	5.69	2.57	0	0	0	-6.3	0.6	0	0	28437.9	-0.02
133	24	2012	0	0	0	5.36	2.98	0	0	0	-6.0	0.6	0	0	28443.3	0
134	24	2012	0	0	0	4.74	2.47	0	0	0	-5.3	0.6	0	0	28448	0
135	24	2012	0	0	0	2.51	1.45	0	0	0	-3.1	0.6	0	0	28450.5	-0.01
136	24	2012	2.54	0	0	2.77	0.77	0	0	0	-0.8	0.6	0	0	28453.3	0
137	24	2012	0	0	0	4.28	2.29	0	0	0	-4.8	0.6	0	0	28457.6	-0.03
138	24	2012	0	0	0	5.28	2.12	0	0	0	-5.8	0.6	0	0	28462.9	-0.02
139	24	2012	0	0	0	5.09	2.47	0	0	0	-5.6	0.6	0	0	28468	-0.01
140	24	2012	0	0	0	5.41	2.84	0	0	0	-6.0	0.5	0	0	28473.4	-0.01
141	24	2012	0	0	0	5.68	3.05	0	0	0	-6.2	0.5	0	0	28479.1	-0.02
142	24	2012	0	0	0	4.97	2.79	0	0	0	-5.5	0.5	0	0	28484	-0.02
143	24	2012	0	0	0	3.29	1.87	0	0	0	-3.8	0.5	0	0	28487.3	0
144	24	2012	0	0	0	3.96	2.17	0	0	0	-4.5	0.5	0	0	28491.3	-0.01
145	24	2012	0	0	0	4.08	2.26	0	0	0	-4.6	0.5	0	0	28495.4	-0.03
146	24	2012	0	0	0	6.12	3.23	0	0	0	-6.6	0.5	0	0	28501.5	0
147	24	2012	0	0	0	5.05	3.39	0	0	0	-5.5	0.5	0	0	28506.5	-0.02
148	24	2012	0	0	0	3.68	3.46	0	0	0	-4.2	0.5	0	0	28510.2	-0.01
149	24	2012	2.54	0	0	4.27	2.21	0	0	0	-2.2	0.5	0	0	28514.5	0
150	24	2012	10.16	0	0	4.7	2.2	0	0	0	5.0	0.5	0	0	28519.2	-0.02
151	24	2012	0	0	0	5.16	2.15	0	0	0	-5.6	0.5	0	0	28524.4	-0.01
152	24	2012	0	0	0	5.22	1.97	0	0	0	-5.7	0.5	0	0	28529.6	-0.02
153	24	2012	2.54	0	0	1.92	0.34	0	0	0	0.2	0.5	0	0	28531.5	-0.01
154	24	2012	7.62	0	0	3.53	0.93	0	0	0	3.6	0.5	0	0	28535	-0.02
155	24	2012	5.08	0	0	3.52	0.89	0	0	0	1.1	0.5	0	0	28538.6	-0.02
156	24	2012	7.62	0	0	2.42	0.36	0	0	0	4.7	0.5	0	0	28541	-0.01
157	24	2012	0	0	0	3.62	1.69	0	0	0	-4.1	0.5	0	0	28544.6	-0.01
158	24	2012	0	0	0	4.45	2.02	0	0	0	-4.9	0.5	0	0	28549	0
159	24	2012	0	0	0	5.21	2.25	0	0	0	-5.6	0.5	0	0	28554.3	-0.01
160	24	2012	0	0	0	5.14	2.41	0	0	0	-5.6	0.5	0	0	28559.4	-0.01
161	24	2012	5.08	0	0	1.6	0.14	0	0	0	3.0	0.4	0	0	28561	0
162	24	2012	0	0	0	4.77	2.23	0	0	0	-5.2	0.4	0	0	28565.8	0
163	24	2012	0	0	0	4.83	2.81	0	0	0	-5.3	0.4	0	0	28570.6	-0.01
164	24	2012	12.7	0	0	2.72	0.88	0	0	0	9.6	0.4	0	0	28573.3	-0.01
165	24	2012	0	0	0	4.75	1.75	0	0	0	-5.1	0.4	0	0	28578.1	-0.04
166	24	2012	0	0	0	5.2	2	0	0	0	-5.6	0.4	0	0	28583.3	-0.01
167	24	2012	0	0	0	4.88	2.15	0	0	0	-5.3	0.4	0	0	28588.1	-0.01
168	24	2012	0	0	0	2.43	2.19	0	0	0	-2.8	0.4	0	0	28590.6	-0.01
169	24	2012	0	0	0	2.03	1.99	0	0	0	-2.4	0.4	0	0	28592.6	-0.01
170	24	2012	0	0	0	1.09	1.21	0	0	0	-1.5	0.4	0	0	28593.7	0
171	24	2012	7.62	0	0	3.94	0.91	0	0	0	3.3	0.4	0	0	28597.6	-0.02
172	24	2012	0	0	0	4.83	1.36	0	0	0	-5.2	0.4	0	0	28602.5	0
173	24	2012	0	0	0	2.49	1.41	0	0	0	-2.9	0.4	0	0	28604.9	-0.02
174	24	2012	0	0	0	0.91	0.94	0	0	0	-1.3	0.4	0	0	28605.9	-0.02
175	24	2012	0	0	0	0.97	0.86	0	0	0	-1.3	0.4	0	0	28606.8	-0.02
176	24	2012	2.54	0	0	3.1	0.63	0	0	0	-0.9	0.4	0	0	28609.9	-0.01
177	24	2012	0	0	0	0.51	0.55	0	0	0	-0.9	0.4	0	0	28610.4	-0.01
178	24	2012	0	0	0	1.05	0.76	0	0	0	-1.4	0.4	0	0	28611.5	-0.01
179	24	2012	0	0	0	0.86	0.81	0	0	0	-1.2	0.4	0	0	28612.3	0
180	24	2012	0	0	0	0.93	0.85	0	0	0	-1.3	0.4	0	0	28613.3	-0.01
181	24	2012	7.62	0	0	5.21	0.65	0	0	0	2.1	0.4	0	0	28618.5	-0.01
182	24	2012	0	0	0	3.7	0.79	0	0	0	-4.0	0.4	0	0	28622.2	-0.02
183	24	2012	0	0	0	0.93	0.83	0	0	0	-1.3	0.4	0	0	28623.1	-0.02
184	24	2012	0	0	0	0.77	0.75	0	0	0	-1.1	0.4	0	0	28623.9	-0.02
185	24	2012	2.54	0	0	3.11	0.56	0	0	0	-0.9	0.4	0	0	28627	-0.02

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
186	24	2012	0	0	0	0.7	0.78	0	0	0	-1.1	0.4	0	0	28627.7	0
187	24	2012	0	0	0	0.79	0.68	0	0	0	-1.1	0.4	0	0	28628.5	-0.02
188	24	2012	0	0	0	0.86	0.76	0	0	0	-1.2	0.4	0	0	28629.3	-0.01
189	24	2012	2.54	0	0	2.33	0.33	0	0	0	-0.1	0.4	0	0	28631.7	-0.02
190	24	2012	0	0	0	1.27	0.74	0	0	0	-1.6	0.3	0	0	28632.9	-0.01
191	24	2012	0	0	0	1.02	0.76	0	0	0	-1.3	0.3	0	0	28634	-0.02
192	24	2012	0	0	0	0.78	0.72	0	0	0	-1.1	0.3	0	0	28634.7	-0.02
193	24	2012	0	0	0	0.9	0.73	0	0	0	-1.2	0.3	0	0	28635.6	-0.02
194	24	2012	0	0	0	0.78	0.74	0	0	0	-1.1	0.3	0	0	28636.4	-0.02
195	24	2012	0	0	0	0.59	0.65	0	0	0	-0.9	0.3	0	0	28637	-0.01
196	24	2012	0	0	0	0.77	0.68	0	0	0	-1.1	0.3	0	0	28637.8	-0.02
197	24	2012	5.08	0	0	2.31	0.17	0	0	0	2.5	0.3	0	0	28640.1	-0.03
198	24	2012	0	0	0	2.79	0.54	0	0	0	-3.1	0.3	0	0	28642.9	-0.02
199	24	2012	0	0	0	1.5	0.79	0	0	0	-1.8	0.3	0	0	28644.4	-0.02
200	24	2012	0	0	0	0.46	0.58	0	0	0	-0.8	0.3	0	0	28644.8	-0.01
201	24	2012	0	0	0	0.76	0.55	0	0	0	-1.1	0.3	0	0	28645.6	-0.02
202	24	2012	0	0	0	0.37	0.41	0	0	0	-0.7	0.3	0	0	28646	-0.01
203	24	2012	0	0	0	0.9	0.66	0	0	0	-1.2	0.3	0	0	28646.9	-0.01
204	24	2012	0	0	0	0.61	0.65	0	0	0	-0.9	0.3	0	0	28647.5	-0.01
205	24	2012	0	0	0	0.55	0.65	0	0	0	-0.9	0.3	0	0	28648	0
206	24	2012	7.62	0	0	3.48	0.32	0	0	0	3.8	0.3	0	0	28651.5	0.02
207	24	2012	0	0	0	3.17	0.57	0	0	0	-3.4	0.3	0	0	28654.7	-0.03
208	24	2012	10.16	0	0	4.03	1.25	0	0	0	5.8	0.3	0	0	28658.7	-0.01
209	24	2012	17.78	0	0	4.91	1.65	0	0	0	12.6	0.3	0	0	28663.6	-0.04
210	24	2012	5.08	0	0	2.9	0.47	0	0	0	1.9	0.3	0	0	28666.5	0.01
211	24	2012	0	0	0	5.73	4	0	0	0	-6.0	0.3	0	0	28672.2	-0.03
212	24	2012	2.54	0	0	5.59	2.43	0	0	0	-3.3	0.3	0	0	28677.8	-0.03
213	24	2012	0	0	0	5.13	3.14	0	0	0	-5.4	0.3	0	0	28683	-0.03
214	24	2012	0	0	0	3.12	1.86	0	0	0	-3.4	0.3	0	0	28686.1	-0.03
215	24	2012	0	0	0	3.55	1.83	0	0	0	-3.8	0.3	0	0	28689.6	-0.03
216	24	2012	0	0	0	3.19	1.63	0	0	0	-3.4	0.3	0	0	28692.8	-0.02
217	24	2012	0	0	0	1.86	1.34	0	0	0	-2.1	0.3	0	0	28694.7	-0.02
218	24	2012	2.54	0	0	2.68	0.61	0	0	0	-0.4	0.3	0	0	28697.4	-0.02
219	24	2012	0	0	0	1.24	0.7	0	0	0	-1.5	0.3	0	0	28698.6	-0.03
220	24	2012	0	0	0	1.33	0.91	0	0	0	-1.6	0.3	0	0	28699.9	-0.03
221	24	2012	0	0	0	0.89	0.84	0	0	0	-1.1	0.3	0	0	28700.8	-0.01
222	24	2012	0	0	0	0.24	0.52	0	0	0	-0.5	0.3	0	0	28701.1	-0.01
223	24	2012	17.78	0	0	3.12	0.38	0	0	0	14.4	0.3	0	0	28704.2	-0.01
224	24	2012	0	0	0	4.58	3.25	0	0	0	-4.8	0.3	0	0	28708.8	-0.04
225	24	2012	2.54	0	0	4.32	1.43	0	0	0	-2.0	0.3	0	0	28713.1	-0.04
226	24	2012	0	0	0	2.69	1.52	0	0	0	-2.9	0.3	0	0	28715.8	-0.02
227	24	2012	12.7	0	0	3.72	0.65	0	0	0	8.8	0.3	0	0	28719.5	-0.02
228	24	2012	2.54	0	0	4.16	1.55	0	0	0	-1.8	0.3	0	0	28723.6	-0.05
229	24	2012	0	0	0	4.61	3.17	0	0	0	-4.8	0.3	0	0	28728.3	-0.06
230	24	2012	0	0	0	2.03	1.42	0	0	0	-2.3	0.2	0	0	28730.3	-0.03
231	24	2012	0	0	0	2.81	1.46	0	0	0	-3.0	0.2	0	0	28733.1	-0.05
232	24	2012	0	0	0	2.04	1.21	0	0	0	-2.3	0.2	0	0	28735.1	-0.01
233	24	2012	0	0	0	1.61	0.95	0	0	0	-1.8	0.2	0	0	28736.7	-0.03
234	24	2012	0	0	0	2.32	1.05	0	0	0	-2.5	0.2	0	0	28739.1	-0.05
235	24	2012	0	0	0	1.79	0.92	0	0	0	-2.0	0.2	0	0	28740.9	-0.01
236	24	2012	0	0	0	1.57	0.84	0	0	0	-1.8	0.2	0	0	28742.4	-0.02
237	24	2012	0	0	0	1.09	0.81	0	0	0	-1.3	0.2	0	0	28743.5	-0.02
238	24	2012	0	0	0	0.62	0.66	0	0	0	-0.8	0.2	0	0	28744.1	-0.02
239	24	2012	0	0	0	0.71	0.63	0	0	0	-0.9	0.2	0	0	28744.9	-0.03
240	24	2012	7.62	0	0	3.12	0.08	0	0	0	4.2	0.2	0	0	28748	0.06
241	24	2012	10.16	0	0	5.36	1.43	0	0	0	4.6	0.2	0	0	28753.3	-0.05
242	24	2012	0	0	0	3.36	2.15	0	0	0	-3.5	0.2	0	0	28756.7	-0.05
243	24	2012	0	0	0	1.87	0.87	0	0	0	-2.1	0.2	0	0	28758.6	-0.03
244	24	2012	0	0	0	1.83	0.81	0	0	0	-2.1	0.2	0	0	28760.4	0
245	24	2012	0	0	0	1.89	0.63	0	0	0	-2.1	0.2	0	0	28762.3	-0.02
246	24	2012	0	0	0	1.58	0.62	0	0	0	-1.8	0.2	0	0	28763.9	-0.01
247	24	2012	0	0	0	0.71	0.35	0	0	0	-0.9	0.2	0	0	28764.6	-0.02
248	24	2012	2.54	0	0	2.14	0.22	0	0	0	0.2	0.2	0	0	28766.7	-0.02
249	24	2012	0	0	0	1.27	0.48	0	0	0	-1.5	0.2	0	0	28768	-0.03
250	24	2012	7.62	0	0	3.48	0.41	0	0	0	3.9	0.2	0	0	28771.5	-0.01
251	24	2012	0	0	0	1.62	0.56	0	0	0	-1.8	0.2	0	0	28773.1	-0.03
252	24	2012	2.54	0	0	2.39	0.14	0	0	0	-0.1	0.2	0	0	28775.5	0.02
253	24	2012	0	0	0	1.82	0.38	0	0	0	-2.0	0.2	0	0	28777.3	-0.03
254	24	2012	0	0	0	1.63	0.38	0	0	0	-1.8	0.2	0	0	28778.9	-0.02
255	24	2012	0	0	0	1.6	0.48	0	0	0	-1.8	0.2	0	0	28780.5	-0.02
256	24	2012	0	0	0	1.2	0.54	0	0	0	-1.4	0.2	0	0	28781.7	-0.01
257	24	2012	0	0	0	0.59	0.5	0	0	0	-0.8	0.2	0	0	28782.3	-0.01
258	24	2012	15.24	0	0	3.5	1.23	0	0	0	11.6	0.2	0	0	28785.8	-0.04
259	24	2012	0	0	0	3.07	1.63	0	0	0	-3.2	0.2	0	0	28788.9	-0.03
260	24	2012	0	0	0	2.25	0.83	0	0	0	-2.4	0.2	0	0	28791.1	-0.01
261	24	2012	0	0	0	1.98	0.59	0	0	0	-2.2	0.2	0	0	28793.1	-0.02
262	24	2012	20.32	0	0	2.36	0.49	0	0	0	17.8	0.2	0	0	28795.5	-0.02
263	24	2012	0	0	0	2.62	1.26	0	0	0	-2.8	0.2	0	0	28798.1	-0.02
264	24	2012	0	0	0	3.81	2.21	0	0	0	-4.0	0.2	0	0	28801.9	-0.02
265	24	2012	0	0	0	1.24	1.01	0	0	0	-1.4	0.2	0	0	28803.2	-0.01
266	24	2012	10.16	0	0	2.62	0.54	0	0	0	7.4	0.2	0	0	28805.8	-0.02
267	24	2012	2.54	0	0	4.14	1.13	0	0	0	-1.7	0.2	0	0	28809.9	-0.04
268	24	2012	0	0	0	2.19	1.11	0	0	0	-2.4	0.2	0	0	28812.1	0
269	24	2012	0	0	0	3.66	1.94	0	0	0	-3.8	0.2	0	0	28815.8	-0.02
270	24	2012	2.54	0	0	1.77	0.27	0	0	0	0.6	0.2	0	0	28817.5	0
271	24	2012	0	0	0	2.93	1.26	0	0	0	-3.1	0.2	0	0	28820.5	-0.01
272	24	2012	5.08	0.16	0	1.32	0.05	0	0	0	3.4	0.2	0	0	28821.8	0
273	24	2012	0	0	0	2.27	0.87	0	0	0	-2.3	0.2	0	0	28824.1	0
274	24	2012	7.62	0.27	0	1.14	0.06	0	0	0	6.0	0.2	0	0	28825.2	0.01
275	24	2012	0	0	0	2.47	0.85	0	0	0	-2.4	0.2	0	0	28827.7	-0.03
276	24	2012	0	0	0	0.89	0.49	0	0	0	-1.1	0.2	0	0	28828.6	-0.01
277	24	2012	5.08	0.23	0	0.99	0.06	0	0	0	3.7	0.2	0	0	28829.5	-0.02
278	24	2012	0	0	0	1.42	0.53	0	0	0	-1.4	0.2	0	0	28831	-0.01
279	24	2012	0	0	0	1.77	0.81	0	0	0	-1.9	0.2	0	0	28832.7	-0.02
280	24	2012	12.7	0	0	3.08	0.5	0	0	0	9.5	0.2	0	0	28835.8	-0.06
281	24	2012	5.08	0	0	2.25	0.32	0	0	0	2.7	0.2	0	0	28838.1	0.01
282	24	2012	0	0	0	2.33	0.7	0	0	0	-2.5	0.2	0	0	28840.4	-0.02
283	24	2012	0	0	0	1.99	0.65	0	0	0	-2.1	0.2	0	0	28842.4	-0.02
284	24	2012	0	0	0	1.68	0.52	0	0	0	-1.8	0.2	0	0	28844.1	-0.01
285	24	2012	2.54	0	0	3.65	0.58	0	0	0	-1.2	0.2	0	0	28847.7	-0.03
286	24	2012	10.16	0	0	2.6	0.36	0	0	0	7.4	0.2	0	0	28850.3	-0.02
287	24	2012	0	0	0	1.87	0.45	0	0	0	-2.0	0.2	0	0	28852.2	-0.02
288	24	2012	17.78	0	0	1.78	0.45	0	0	0	15.8	0.2	0	0	28854	-0.01
289	24	2012	0	0	0	2.22	0.48	0	0	0	-2.3	0.2	0	0	28856.2	-0.04
290	24	2012	0	0	0	2.03	0.32	0	0	0	-2.2	0.2	0	0	28858.2	-0.03
291	24	2012	0	0	0	1.84	0.54	0	0	0	-2.0	0.2	0	0	28860	-0.02
292	24	2012	0	0	0	2.68	0.53	0	0	0	-2.8	0.2	0	0	28862.7	-0.01
293	24	2012	20.32	0	0	1.12	0.12	0	0	0	19.1	0.2	0	0	28863.8	-0.02
294	24	2012	0	0	0	1.51	0.24	0	0	0	-1.6	0.2	0	0	28865.3	-0.02
295	24	2012	0	0	0	3.05	0.31	0	0	0	-3.2	0.2	0	0	28868.4	-0.02
296	24	2012	0	0	0	2.28	0.32	0	0	0	-2.4	0.2	0	0	28870.7	-0.01
297	24	2012	7.62	0.04	0	0.55	0.01	0	0	0	6.9	0.2	0	0	28871.2	0
298	24	2012	0	0	0	0.59	0.05	0	0	0	-0.7	0.2	0	0	28871.8	-0.01
299	24	2012	0	0	0	2.02	0.23	0	0	0	-2.1	0.2	0	0	28873.8	-0.02
300	24	2012	0	0	0	1.88	0.17	0	0	0	-2.0	0.2	0	0	28875.7	-0.01
301	24	2012	0	0	0	1.01	0.06	0	0	0	-1.2	0.2	0	0	28876.7	-0.01
302	24	2012	0	0	0	1.01	0.01	0	0	0	-1.2	0.2	0	0	28877.7	-0.01
303	24	2012	7.62	0	0	1.41	0.01	0	0	0	6.1	0.2	0	0	28879.1	0
304	24	2012	5.08	0	0	1.28	0.01	0	0	0	3.7	0.1	0	0	28880.4	0
305	24	2012	2.54	0	0	1.35	0	0	0	0	1.0	0.1	0	0	28881.8	0
306	24	2012	5.08	0	0	1.06	0	0	0	0	3.9	0.1	0	0	28882.8	0
307	24	2012	5.08	0	0	1.29	0	0	0	0	3.7	0.1	0	0	28884.1	0
308	24	2012	0	0	0	1.68	0	0	0	0	-1.8	0.1	0	0	28885.8	0.01
309	24	2012	0	0	0	1.41	0	0	0	0	-1.6	0.1	0	0	28887.2	0
310	24	2012	0	0	0	1.3	0	0	0	0	-1.4	0.1	0	0	28888.5	0.01
311	24	2012	0	0	0	1.38	0	0	0	0	-1.5	0.1	0	0	28889.9	0
312	24	2012	0	0	0	1.36	0	0	0	0	-1.5	0.1	0	0	28891.2	0
313	24	2012	0	0	0	1.71	0.01	0	0	0	-1.8	0.1	0	0	28892.9	-0.01
314	24	2012	0	0	0	0.54	0.02	0	0	0	-0.7	0.1	0	0	28893.5	0
315	24	2012	0	0	0	0.79	0.02	0	0	0	-0.9	0.1	0	0	28894.3	0
316	24	2012	0	0	0	0.89	0.11	0	0	0	-1.0	0.1	0	0	28895.2	-0.01
317	24	2012	7.62	0	0	2.97	0.03	0	0	0	4.5	0.1	0	0	28898.1	0
318	24	2012	7.62	0	0	2.37	0.01	0	0	0	5.1	0.1	0	0	28900.5	-0.01
319	24	2012	0	0	0	1.18	0.03	0	0	0	-1.3	0.1	0	0	28901.7	0
320	24	2012	0	0	0	0.93	0.03	0	0	0	-1.1	0.1	0	0	28902.6	0
321	24	2012	0	0	0	0.75	0.05	0	0	0	-0.9	0.1	0	0	28903.4	0
322	24	2012	0	0	0	0.48	0.04	0	0	0	-0.6	0.1	0	0	28903.8	0

Honeywell
SHAW Grassland Raw Model Output

DAY	HR	YR	PRECIP	PRECIP INTRCP	SNOWMELT	ET	TRANSP	CANOPY chg in storage	SNOW chg in storage	RESIDUE chg in storage	SOIL chg in storage	PERC	RUNOFF	PONDED	CUM ET	ERROR
			MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
323	24	2012	0	0	0	0.78	0.06	0	0	0	-0.9	0.1	0	0	28904.6	0
324	24	2012	0	0	0	0.68	0.08	0	0	0	-0.8	0.1	0	0	28905.3	0
325	24	2012	0	0	0	0.46	0.04	0	0	0	-0.6	0.1	0	0	28905.8	0
326	24	2012	0	0	0	0.61	0.09	0	0	0	-0.7	0.1	0	0	28906.4	0
327	24	2012	0	0	0	0.7	0.14	0	0	0	-0.8	0.1	0	0	28907.1	0
328	24	2012	0	0	0	1.3	0.07	0	0	0	-1.4	0.1	0	0	28908.4	0
329	24	2012	2.54	0	0	2.7	0	0	0	0	-0.3	0.1	0	0	28911.1	-0.02
330	24	2012	2.54	0	0	1.02	0	0	0	0	1.4	0.1	0	0	28912.1	0
331	24	2012	5.08	0	0	0.85	0	0	0	0	4.1	0.1	0	0	28912.9	0
332	24	2012	0	0	0	0.84	0	0	0	0	-1.0	0.1	0	0	28913.8	0
333	24	2012	0	0	0	1.07	0	0	0	0	-1.2	0.1	0	0	28914.8	-0.01
334	24	2012	0	0	0	1.69	0.08	0	0	0	-1.8	0.1	0	0	28916.5	0
335	24	2012	0	0	0	1.22	0	0	0	0	-1.3	0.1	0	0	28917.8	0
336	24	2012	0	0	0	0.56	0.04	0	0	0	-0.7	0.1	0	0	28918.3	-0.01
337	24	2012	7.62	0	0	0.45	0.03	0	0	0	7.1	0.1	0	0	28918.8	0
338	24	2012	0	0	0	0.47	0.07	0	0	0	-0.6	0.1	0	0	28919.2	-0.01
339	24	2012	10.16	0	0	1.04	0.14	0	0	0	9.0	0.1	0	0	28920.3	-0.01
340	24	2012	5.08	0	0	1.9	0.06	0	0	0	3.1	0.1	0	0	28922.2	-0.02
341	24	2012	0	0	0	1.18	0	0	0	0	-1.3	0.1	0	0	28923.3	0
342	24	2012	2.54	0	0	0.42	0	0	0	0	2.0	0.1	0	0	28923.8	0
343	24	2012	2.54	0.06	0	0.3	0	0	0	0	2.1	0.1	0	0	28924.1	0
344	24	2012	2.54	0	0	1.09	0	0	0	0	1.4	0.1	0	0	28925.2	-0.01
345	24	2012	27.94	0	0	0.39	0.01	0	0	0	27.4	0.1	0	0	28925.5	0
346	24	2012	0	0	0	0.89	0	0	0	0	-1.0	0.1	0	0	28926.4	-0.02
347	24	2012	0	0	0	0.78	0.06	0	0	0	-0.9	0.1	0	0	28927.2	-0.01
348	24	2012	0	0	0	0.39	0.13	0	0	0	-0.5	0.1	0	0	28927.6	-0.01
349	24	2012	0	0	0	0.64	0.1	0	0	0	-0.7	0.1	0	0	28928.2	-0.01
350	24	2012	0	0	0	0.52	0.07	0	0	0	-0.6	0.1	0	0	28928.8	-0.01
351	24	2012	2.54	0	0	1.15	0.05	0	0	0	1.3	0.1	0	0	28929.9	-0.01
352	24	2012	10.16	0	0	0.55	0	0	0	0	9.5	0.1	0	0	28930.5	-0.01
353	24	2012	25.4	0.07	0	0.5	0	0	0	0	24.7	0.1	0	0	28931	0
354	24	2012	0	0	0	1.32	0.08	0	0	0	-1.3	0.1	0	0	28932.3	-0.01
355	24	2012	0	0	0	0.86	0	0	0	0	-1.0	0.1	0	0	28933.1	0
356	24	2012	20.32	0	0	0.59	0	0	0	0	19.6	0.1	0	0	28933.7	-0.01
357	24	2012	7.62	0	0	1.35	0	0	7.15	0	-1.0	0.1	0	0	28935.1	-0.01
358	24	2012	7.62	0	7.18	0.5	0	0	0.02	0	7.0	0.1	0	0	28935.6	0
359	24	2012	0	0	0.09	0.21	0	0	-0.09	0	-0.2	0.1	0	0	28935.8	0
360	24	2012	5.08	0	0	0.16	0	0	5.2	0	-0.4	0.1	0	0	28935.9	0
361	24	2012	12.7	0	0	0.02	0	0	12.8	0	-0.2	0.1	0	0	28936	0
362	24	2012	38.1	0	0	0.07	0	0	38.08	0	-0.2	0.1	0	0	28936	0
363	24	2012	0	0	0	0.06	0	0	-0.03	0	-0.1	0.1	0	0	28936.1	0
364	24	2012	7.62	0	0	-0.01	0	0	7.65	0	-0.1	0.1	0	0	28936.1	0
365	24	2012	0	0	0	0.06	0	0	-0.04	0	-0.1	0.1	0	0	28936.1	0
366	24	2012	0	0	0	0.16	0	0	-0.13	0	-0.1	0.1	0	0	28936.3	0
1	24	2013	0.51	0	0	0.13	0	0	0.41	0	-0.1	0.1	0	0	28936.4	0

APPENDIX 1B
SEASONAL WATER BUDGET RESULTS

Appendix 1B Seasonal Water Budget Results

		Evapotranspiration				Percolation				Runoff			
Year	Precip	Traditional		Grassland		Traditional		Grassland		Traditional		Grassland	
	(in)	in	%	in	%	in	%	in	%	in	%	in	%
						Fall							
1975	15.6	6.3	40.7	5.6	35.7	1.6	10.5	5.0	31.8	3.8	24.5	1.4	8.9
1976	10.4	5.3	51.3	4.7	45.3	1.7	16.4	3.9	38.0	1.9	18.1	0.6	5.7
1977	15.1	5.8	38.2	5.2	34.2	1.2	8.0	0.8	5.3	1.8	12.2	1.6	10.3
1978	6.4	5.5	86.3	4.8	75.7	1.3	20.0	0.4	6.5	0.0	0.7	0.0	0.0
1979	7.5	5.9	78.2	5.2	69.8	0.8	11.1	0.4	5.9	0.2	3.2	0.0	0.0
1980	8.4	4.3	51.0	4.3	51.3	0.5	6.4	0.2	2.8	1.3	15.3	0.0	0.0
1981	13.2	4.6	34.9	4.2	31.9	0.3	2.4	0.1	0.9	0.2	1.6	0.2	1.2
1982	9.4	5.4	57.1	4.9	51.8	0.8	9.0	0.4	4.2	1.3	13.9	0.4	3.8
1983	10.5	4.5	42.5	4.2	40.0	0.7	6.6	0.4	3.6	3.3	31.3	2.3	21.6
1984	7.9	4.3	54.5	4.2	53.8	0.8	10.1	0.4	4.7	0.1	0.7	0.0	0.0
1985	12.0	4.7	38.8	4.4	36.2	0.6	5.3	0.3	2.1	1.2	10.2	0.8	6.7
1986	13.9	4.6	32.9	4.2	30.1	0.5	3.6	0.2	1.7	3.3	23.9	0.8	5.9
1987	8.5	4.7	54.8	4.3	50.3	0.5	5.3	0.3	4.0	0.9	10.0	0.4	4.6
1988	8.7	5.7	65.5	5.1	58.5	0.6	6.5	0.3	3.5	0.0	0.4	0.0	0.0
1989	8.3	4.9	59.6	4.5	54.1	0.4	5.1	0.3	4.2	0.9	10.4	0.5	5.6
1990	13.3	6.3	47.7	5.7	42.6	0.8	6.2	0.6	4.4	2.2	16.5	1.3	9.7
1991	8.6	5.4	63.0	4.9	57.1	1.0	11.2	0.4	4.2	1.6	18.2	0.0	0.0
1992	9.5	4.9	51.8	4.4	46.9	0.4	4.6	0.3	3.4	1.7	18.4	1.2	12.2
1993	9.3	5.1	55.0	4.8	51.4	0.5	5.7	0.4	3.8	1.2	12.5	0.2	2.1
1994	8.5	4.8	55.7	4.4	52.0	0.6	6.8	0.4	5.1	0.0	0.0	0.0	0.0
1995	13.6	4.8	35.6	4.5	33.1	0.4	2.7	0.2	1.5	1.2	8.6	0.2	1.7
1996	13.4	4.5	33.4	4.0	30.0	0.6	4.6	0.3	2.4	2.0	14.7	0.5	3.9
1997	8.3	3.8	45.4	3.7	44.9	0.8	9.2	0.3	3.4	0.8	9.5	0.1	0.9
1998	5.4	5.8	107.2	5.6	103.5	0.7	13.2	0.4	7.1	0.0	0.0	0.0	0.0
1999	8.1	6.3	77.4	5.6	69.1	0.4	4.5	0.2	2.4	0.6	7.8	0.0	0.0
2000	7.8	4.3	55.1	4.1	53.0	0.3	4.1	0.3	4.4	1.0	12.8	0.1	1.9
2001	10.7	6.0	56.4	5.5	51.7	0.3	2.5	0.1	1.3	0.0	0.0	0.0	0.0
2002	11.8	4.9	41.8	4.5	38.6	0.4	3.3	0.4	3.3	2.5	21.0	1.7	14.8
2003	8.9	5.8	65.4	5.5	61.6	0.6	6.6	0.3	3.6	0.0	0.0	0.0	0.0
2004	8.3	5.4	64.8	4.8	58.5	0.5	5.8	0.6	6.6	0.6	7.6	0.5	6.6
2005	13.4	5.1	37.8	4.7	34.7	0.8	5.8	0.4	3.3	0.1	0.8	0.1	0.4
2006	11.5	5.9	51.4	5.2	45.3	1.2	10.0	0.9	7.6	0.2	1.5	0.2	1.9
2007	13.0	5.0	38.7	4.7	36.2	1.2	9.4	0.4	2.8	0.7	5.2	0.0	0.0
2008	10.9	3.7	34.2	3.5	31.9	1.0	9.2	0.3	2.9	2.9	27.0	1.5	13.8
2009	9.7	4.9	50.3	4.4	44.7	0.5	5.4	0.2	2.1	0.3	3.2	0.0	0.0
2010	18.2	5.5	30.3	4.9	27.2	0.3	1.9	0.4	2.0	0.5	3.0	0.0	0.0
2011	9.7	6.1	63.1	5.3	55.1	1.2	11.9	0.9	9.2	0.2	2.3	0.2	1.6
2012	10.1	5.8	57.3	5.1	50.1	0.9	8.9	0.3	2.9	0.0	0.0	0.0	0.0
25th Percentile	**8.5**	**4.7**	**39.3**	**4.3**	**36.2**	**0.5**	**4.7**	**0.3**	**2.8**	**0.2**	**1.5**	**0.0**	**0.0**
Median	**9.7**	**5.1**	**51.6**	**4.7**	**48.5**	**0.6**	**6.4**	**0.4**	**3.6**	**0.8**	**9.0**	**0.2**	**1.6**
75th Percentile	**12.8**	**5.8**	**59.0**	**5.2**	**54.0**	**0.9**	**9.4**	**0.4**	**5.0**	**1.7**	**15.1**	**0.6**	**5.9**

Appendix 1B Seasonal Water Budget Results

		Evapotranspiration				Percolation				Runoff			
Year	Precip	Traditional		Grassland		Traditional		Grassland		Traditional		Grassland	
	(in)	in	%	in	%	in	%	in	%	in	%	in	%
						Winter							
1975	7.7	3.0	38.7	2.2	27.9	13.7	177.4	22.0	284.5	4.6	59.2	4.5	58.1
1976	8.8	2.0	23.3	1.7	19.0	1.7	18.9	4.3	48.4	5.3	60.0	1.5	16.6
1977	6.3	2.0	32.3	1.4	21.4	1.6	24.6	1.9	30.2	4.8	76.6	3.0	46.8
1978	8.8	0.4	4.8	0.4	4.4	1.2	13.8	2.2	24.8	2.0	22.3	1.4	16.3
1979	9.9	0.6	6.5	0.6	6.5	0.9	9.0	0.3	3.0	7.0	71.0	2.4	24.2
1980	5.4	1.0	17.9	1.3	24.6	0.6	11.7	0.4	7.3	3.2	59.0	2.1	37.8
1981	5.4	2.3	42.8	1.7	31.4	0.4	8.0	0.1	2.7	4.3	78.6	4.0	74.5
1982	8.2	0.8	9.5	0.7	8.6	0.4	4.6	0.5	5.9	4.8	57.7	1.9	23.0
1983	5.3	2.0	38.9	1.6	29.6	0.7	12.7	0.3	5.9	2.4	46.3	2.3	43.2
1984	8.2	0.7	8.1	0.7	8.6	0.6	7.4	0.3	4.1	3.0	37.1	2.5	30.3
1985	6.1	2.3	38.5	1.8	30.4	0.6	10.6	0.5	8.9	4.3	70.3	3.3	54.6
1986	7.4	1.0	13.0	1.1	14.7	0.5	7.4	0.3	4.6	8.7	117.1	6.8	91.0
1987	5.0	1.2	24.6	0.8	16.6	0.5	9.5	0.8	15.9	5.0	98.9	3.4	68.0
1988	5.3	1.2	22.6	1.5	27.7	0.4	7.9	0.5	10.3	4.7	89.0	3.8	71.6
1989	5.4	1.2	21.6	1.4	25.0	0.5	8.6	0.3	6.1	3.4	63.0	3.0	55.1
1990	11.5	1.2	10.7	1.4	12.6	0.5	4.5	0.5	4.7	10.0	86.9	8.7	75.4
1991	7.2	2.6	35.6	2.0	27.5	0.9	12.2	1.2	16.1	4.9	68.6	5.5	75.6
1992	8.1	1.0	12.2	1.3	16.0	0.7	8.3	0.3	4.1	5.2	64.1	5.8	71.5
1993	9.7	0.9	9.3	1.1	10.8	0.4	4.0	0.4	4.2	3.3	33.8	2.5	25.5
1994	9.0	0.4	4.3	0.4	4.2	0.5	5.5	0.4	4.5	2.2	24.3	1.6	17.7
1995	5.3	1.1	21.6	1.4	26.0	0.5	8.9	0.3	6.2	3.8	72.7	3.1	58.1
1996	6.9	1.8	25.5	1.6	23.0	0.4	5.5	0.4	6.2	6.7	97.2	6.8	97.5
1997	8.7	2.3	27.0	2.0	23.2	0.6	7.2	1.0	11.5	4.0	46.6	3.7	42.5
1998	10.6	1.5	14.0	1.3	12.6	0.6	5.7	0.8	7.8	7.8	74.1	2.8	26.7
1999	9.4	1.6	17.5	1.2	12.5	0.5	5.7	0.2	2.3	6.8	71.9	4.9	52.4
2000	7.3	1.9	26.1	1.7	22.7	0.3	4.2	0.2	2.7	4.5	60.6	3.7	50.0
2001	6.4	0.9	14.0	1.0	15.6	0.3	4.8	0.2	3.0	3.3	51.9	3.3	52.6
2002	5.4	3.3	60.8	2.7	49.0	0.2	4.5	0.1	2.7	2.1	39.1	1.9	34.2
2003	4.9	0.7	13.9	1.1	22.6	0.4	8.8	0.4	8.1	4.7	95.1	2.7	54.1
2004	3.6	1.3	36.5	1.3	35.7	0.5	13.9	0.2	6.8	2.4	65.7	1.1	30.9
2005	5.7	0.8	14.8	1.2	20.6	0.6	9.7	0.9	14.9	4.7	82.1	3.4	59.2
2006	8.4	3.0	35.8	2.4	28.9	0.8	10.0	1.6	19.0	4.0	47.8	2.9	34.6
2007	10.3	1.0	9.3	1.0	9.7	1.2	11.4	3.0	28.7	5.7	55.4	3.8	36.9
2008	10.1	1.3	13.2	1.3	13.1	1.0	9.5	1.1	10.6	7.0	69.4	6.4	63.3
2009	7.0	1.8	25.9	1.3	18.3	0.7	10.1	0.3	3.8	3.8	55.2	5.4	77.3
2010	3.3	1.6	48.0	1.4	41.6	0.4	12.9	0.3	8.1	3.8	115.2	1.8	53.8
2011	11.9	0.3	2.3	0.3	2.6	0.5	4.2	2.0	16.7	9.8	82.5	0.3	2.8
2012	10.7	3.4	32.2	3.0	27.9	1.2	11.2	1.7	16.3	4.9	45.5	2.5	23.6
25th Percentile	**5.4**	**0.9**	**12.2**	**1.1**	**12.6**	**0.4**	**5.7**	**0.3**	**4.2**	**3.4**	**51.9**	**2.3**	**30.3**
Median	**7.3**	**1.2**	**21.6**	**1.3**	**20.6**	**0.5**	**8.8**	**0.4**	**6.8**	**4.7**	**65.7**	**3.0**	**50.0**
75th Percentile	**9.0**	**2.0**	**32.2**	**1.6**	**27.5**	**0.7**	**11.2**	**1.0**	**14.9**	**5.3**	**78.6**	**3.8**	**63.3**

Appendix 1B Seasonal Water Budget Results

		Evapotranspiration				Percolation				Runoff			
Year	Precip	Traditional		Grassland		Traditional		Grassland		Traditional		Grassland	
	(in)	in	%	in	%	in	%	in	%	in	%	in	%
						Spring							
1975	9.7	12.7	130.3	12.0	123.2	2.9	29.5	4.2	42.8	2.2	22.8	0.0	0.1
1976	22.9	15.6	68.2	14.1	90.8	2.2	9.4	9.2	59.1	4.8	21.0	0.1	0.5
1977	7.3	11.5	158.0	12.6	80.7	1.6	22.1	2.6	17.0	1.0	13.4	0.0	0.0
1978	9.0	13.4	149.3	12.3	78.8	1.5	16.6	6.9	44.2	4.9	54.9	0.0	0.0
1979	9.2	12.0	130.4	12.9	82.8	0.8	8.6	3.7	23.8	1.1	12.2	0.0	0.0
1980	11.0	12.3	112.0	12.9	82.8	0.6	5.3	0.5	3.2	1.1	10.1	2.1	13.3
1981	6.5	9.0	139.1	10.7	68.8	0.4	6.5	0.2	1.1	0.0	0.0	0.0	0.0
1982	7.9	12.9	162.6	11.8	76.0	0.6	6.9	2.8	17.9	0.2	2.7	0.0	0.0
1983	11.7	10.9	93.0	11.3	72.3	0.6	5.0	0.9	5.5	0.2	1.9	0.0	0.0
1984	10.3	12.9	125.9	12.2	78.5	0.6	5.8	1.4	8.8	1.7	16.4	1.1	6.9
1985	7.9	10.8	138.0	12.9	82.6	0.8	9.8	1.0	6.4	0.0	0.0	0.0	0.0
1986	10.9	12.9	117.9	13.4	85.8	0.6	5.7	0.4	2.3	0.0	0.0	0.0	0.0
1987	7.1	9.9	140.0	12.2	78.2	0.5	7.7	1.3	8.4	0.0	0.0	0.0	0.0
1988	7.3	9.8	134.9	10.8	69.1	0.5	7.3	0.7	4.4	0.2	2.6	0.0	0.0
1989	11.6	12.3	106.0	11.8	75.8	0.4	3.8	0.4	2.6	0.5	4.3	0.4	2.9
1990	12.4	13.4	108.4	12.3	79.3	0.6	4.9	1.1	7.2	0.0	0.1	0.0	0.0
1991	11.1	13.5	121.8	13.8	88.7	1.1	10.0	1.7	11.2	0.0	0.0	0.0	0.0
1992	11.3	11.9	105.3	12.0	77.0	0.6	5.3	0.4	2.8	2.8	24.9	2.4	15.4
1993	12.1	10.8	89.4	11.5	73.7	0.4	3.1	0.8	4.8	7.1	58.6	6.5	41.6
1994	8.7	9.7	111.9	12.0	77.1	0.5	5.9	4.5	28.7	7.9	91.2	0.2	1.0
1995	4.8	8.2	169.2	9.7	62.0	0.5	9.3	0.4	2.7	0.0	0.0	0.0	0.0
1996	10.3	11.9	115.9	12.2	78.1	0.5	4.8	0.5	3.4	0.3	2.6	0.0	0.0
1997	6.9	9.9	144.5	11.0	70.8	0.8	12.3	1.0	6.3	0.9	13.8	1.1	6.8
1998	8.3	10.3	123.6	12.3	79.1	0.7	8.2	3.2	20.5	0.4	5.2	0.0	0.0
1999	4.3	6.8	157.8	9.3	59.5	0.5	11.6	0.4	2.5	0.5	11.4	0.3	1.7
2000	13.2	12.6	95.8	11.7	75.4	0.3	2.2	0.4	2.6	0.0	0.2	0.0	0.0
2001	8.0	8.9	111.0	10.4	66.6	0.3	3.8	0.2	1.2	5.4	67.2	5.1	32.7
2002	16.5	12.8	77.3	12.3	79.2	0.2	1.3	0.3	2.1	1.1	6.6	0.0	0.0
2003	12.2	11.6	95.0	11.0	70.8	0.5	4.0	0.5	3.5	1.0	8.0	2.6	16.4
2004	14.5	13.8	95.3	12.9	83.0	0.5	3.2	0.3	1.9	0.5	3.4	0.3	2.0
2005	8.7	10.7	123.9	11.9	76.7	0.7	8.1	1.2	7.5	0.4	4.2	0.6	3.7
2006	7.8	11.6	148.7	12.6	81.2	1.1	13.5	1.6	10.4	0.0	0.0	0.1	0.8
2007	8.8	12.2	139.5	12.3	79.1	1.4	15.8	3.2	20.4	1.2	13.6	1.5	9.5
2008	8.4	12.0	142.1	12.7	81.4	1.1	13.6	1.3	8.7	3.4	41.0	3.7	23.6
2009	11.3	11.5	102.3	12.2	78.2	0.6	5.6	0.3	2.1	0.0	0.0	0.0	0.0
2010	11.3	11.7	103.3	12.9	82.6	0.4	3.6	0.3	2.0	0.0	0.0	0.0	0.0
2011	13.4	13.0	97.3	12.4	79.6	0.7	5.2	16.3	104.4	6.0	44.4	0.0	0.0
2012	7.3	10.7	146.4	12.8	82.3	1.4	18.6	1.6	10.3	0.0	0.0	0.0	0.0
25th Percentile	7.9	**10.7**	**103.8**	**11.8**	**75.5**	0.5	**4.9**	**0.4**	**2.6**	0.0	**0.0**	**0.0**	**0.0**
Median	9.5	**11.8**	**122.7**	**12.2**	**78.4**	0.6	**6.7**	**1.0**	**6.3**	0.5	**4.8**	**0.0**	**0.0**
75th Percentile	11.6	**12.8**	**139.9**	**12.7**	**81.4**	0.8	**10.0**	**2.4**	**15.5**	1.6	**15.7**	**0.5**	**3.5**

Appendix 1B Seasonal Water Budget Results

		Evapotranspiration				Percolation				Runoff			
Year	Precip	Traditional		Grassland		Traditional		Grassland		Traditional		Grassland	
	(in)	in	%	in	%	in	%	in	%	in	%	in	%
						Summer							
1975	18.9	13.9	73.5	14.8	78.1	2.0	10.4	1.5	7.9	0.3	1.6	0.0	0.0
1976	16.1	15.5	96.3	15.3	94.9	1.9	12.0	4.8	29.5	0.8	5.1	0.0	0.0
1977	15.9	13.0	81.6	14.2	88.9	1.5	9.5	0.8	5.3	0.0	0.0	0.0	0.0
1978	10.9	10.2	93.4	12.0	110.1	1.5	14.1	1.1	10.4	0.0	0.0	0.0	0.0
1979	11.9	10.8	90.3	12.8	107.6	0.9	7.8	1.1	9.6	0.0	0.0	0.0	0.0
1980	7.2	8.1	112.1	9.6	133.2	0.6	8.1	0.4	6.2	0.0	0.0	0.0	0.0
1981	10.1	8.9	88.3	9.7	96.3	0.4	3.8	0.2	1.7	0.0	0.0	0.0	0.0
1982	9.6	11.1	115.2	13.8	143.7	0.8	8.7	1.0	10.5	0.0	0.0	0.0	0.0
1983	8.9	8.6	97.6	10.4	117.9	0.6	7.1	1.0	10.9	0.0	0.0	0.0	0.0
1984	11.7	12.2	104.9	14.0	120.2	0.8	7.0	0.9	7.8	0.0	0.0	0.0	0.0
1985	6.5	7.0	106.8	8.7	132.3	0.8	11.9	0.5	7.9	0.0	0.0	0.0	0.0
1986	10.6	11.7	110.2	13.0	122.7	0.6	5.6	0.4	3.3	0.0	0.0	0.0	0.0
1987	13.0	9.7	74.5	11.3	86.7	0.5	4.1	0.7	5.1	0.0	0.0	0.0	0.0
1988	13.1	12.7	97.0	13.3	101.4	0.6	4.7	0.6	4.3	0.0	0.0	0.0	0.0
1989	11.6	9.3	80.0	11.9	102.1	0.4	3.8	0.5	4.2	0.0	0.0	0.0	0.0
1990	12.3	12.1	98.1	14.5	118.1	0.8	6.6	1.1	8.7	0.0	0.0	0.0	0.0
1991	10.2	9.7	95.2	11.6	114.3	1.2	11.7	0.9	8.7	0.0	0.0	0.0	0.0
1992	14.7	14.0	95.6	14.8	101.1	0.5	3.5	0.5	3.5	0.0	0.0	0.0	0.0
1993	12.2	12.2	99.8	13.8	113.1	0.5	3.8	0.7	6.0	0.0	0.0	0.0	0.0
1994	10.4	11.0	105.8	13.1	125.7	0.6	5.7	1.3	12.3	0.0	0.0	0.0	0.0
1995	7.6	7.4	97.9	8.7	114.7	0.4	5.5	0.3	4.2	0.0	0.0	0.0	0.0
1996	8.8	9.5	108.4	11.1	125.7	0.6	6.9	0.6	7.3	0.0	0.0	0.0	0.0
1997	8.7	9.1	104.6	10.2	117.1	0.9	10.7	0.6	6.9	0.0	0.0	0.0	0.0
1998	12.8	13.0	102.1	14.5	113.7	0.8	6.5	0.9	7.1	0.0	0.0	0.0	0.0
1999	9.0	6.4	71.3	7.8	86.2	0.4	4.8	0.3	3.7	0.0	0.0	0.0	0.0
2000	8.7	11.0	126.5	12.8	146.8	0.3	3.4	0.7	7.6	0.0	0.0	0.0	0.0
2001	9.2	9.3	100.8	10.6	115.1	0.3	3.2	0.2	2.2	0.0	0.0	0.0	0.0
2002	6.5	10.2	155.8	12.4	189.8	0.3	4.4	0.7	11.4	0.0	0.0	0.0	0.0
2003	8.1	10.3	126.9	12.6	155.7	0.6	7.3	0.6	7.6	0.0	0.0	0.0	0.0
2004	16.0	13.6	85.2	14.9	93.3	0.4	2.7	0.7	4.2	0.0	0.0	0.0	0.0
2005	11.2	11.3	100.4	12.2	108.8	0.9	7.7	0.8	6.8	0.0	0.0	0.0	0.0
2006	18.3	16.1	88.1	16.5	90.2	1.2	6.4	0.9	4.8	0.0	0.0	0.0	0.0
2007	7.3	8.6	116.6	9.7	132.6	1.5	19.8	1.0	13.1	0.0	0.0	0.0	0.0
2008	10.5	11.3	107.7	12.6	120.3	1.2	11.9	0.7	6.8	0.0	0.0	0.0	0.0
2009	6.7	10.0	149.6	11.1	165.1	0.6	8.7	0.3	4.8	0.0	0.0	0.0	0.0
2010	13.7	14.1	102.9	14.7	107.5	0.4	2.8	0.3	2.5	0.0	0.0	0.0	0.0
2011	16.1	15.6	96.6	16.2	100.5	1.0	6.4	1.9	11.6	0.0	0.0	0.0	0.0
2012	6.6	6.7	101.9	8.2	124.0	1.2	18.3	0.6	9.6	0.0	0.0	0.0	0.0
25th Percentile	**8.7**	**9.3**	**93.8**	**10.7**	**101.1**	**0.5**	**4.5**	**0.5**	**4.4**	**0.0**	**0.0**	**0.0**	**0.0**
Median	**10.5**	**10.9**	**100.1**	**12.6**	**114.5**	**0.6**	**6.8**	**0.7**	**7.0**	**0.0**	**0.0**	**0.0**	**0.0**
75th Percentile	**13.0**	**12.6**	**107.5**	**14.1**	**125.3**	**1.0**	**9.3**	**0.9**	**9.3**	**0.0**	**0.0**	**0.0**	**0.0**

APPENDIX 1C
MONTHLY WATER BUDGET FIGURES

FIGURE 1C-1. MONTHLY PRECIPITATION TOTALS

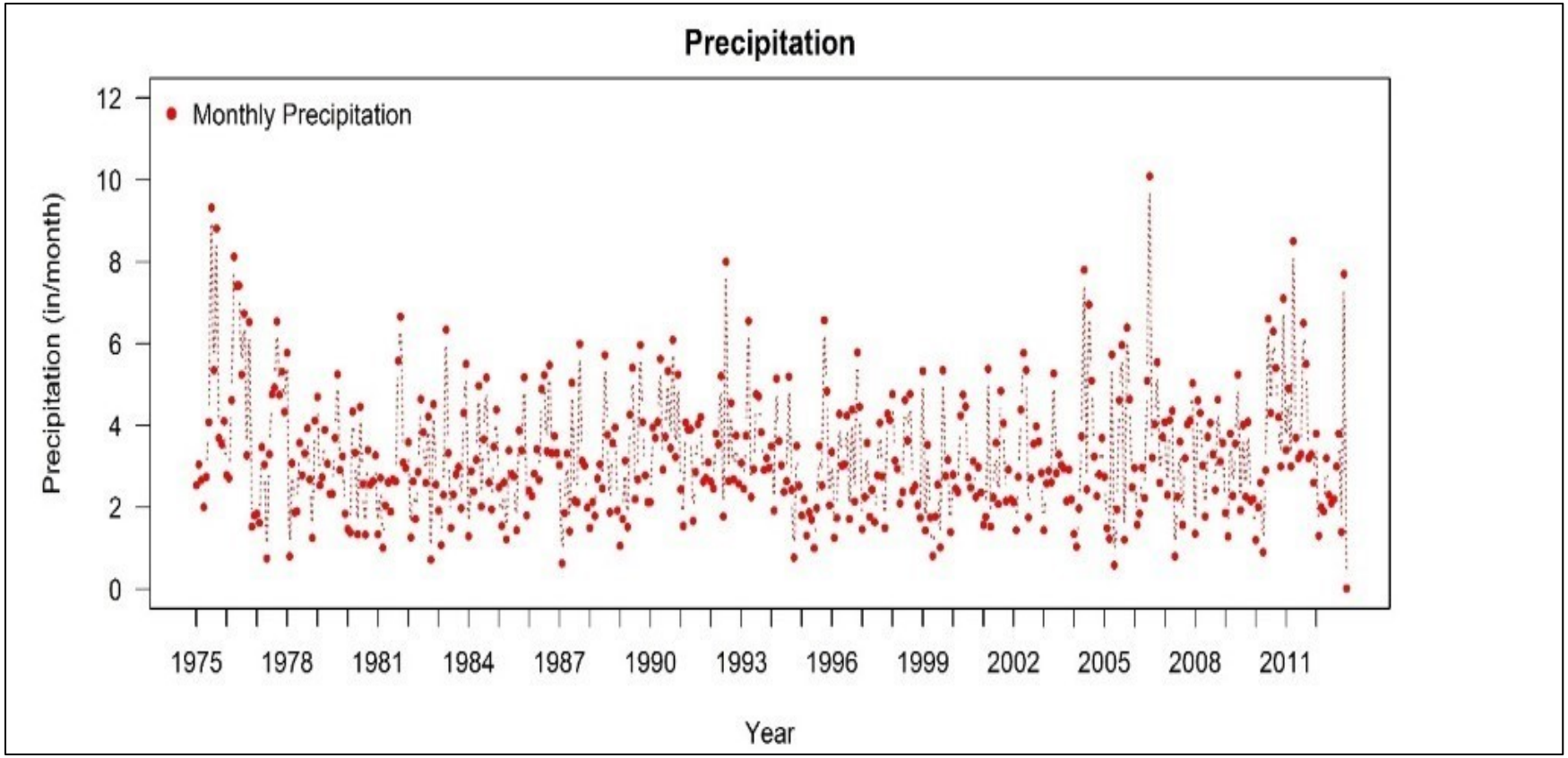

FIGURE 1C-2. MONTHLY RUNOFF FOR THE TRADITIONAL, WILLOW, AND GRASSLAND COVERS

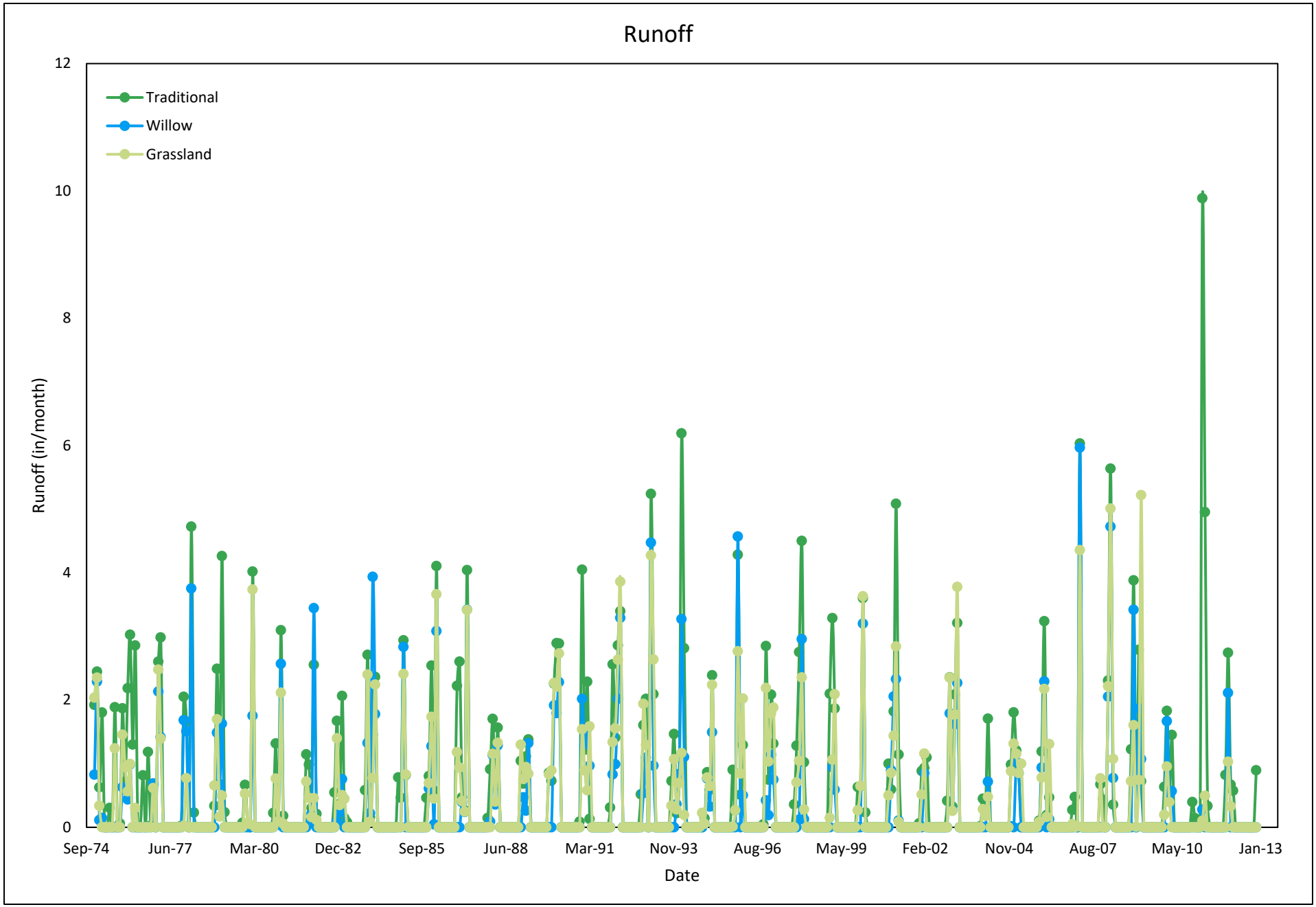

FIGURE 1C-3. MONTHLY EVAPOTRANSPIRATION FOR THE TRADITIONAL, WILLOW AND GRASSLAND COVERS

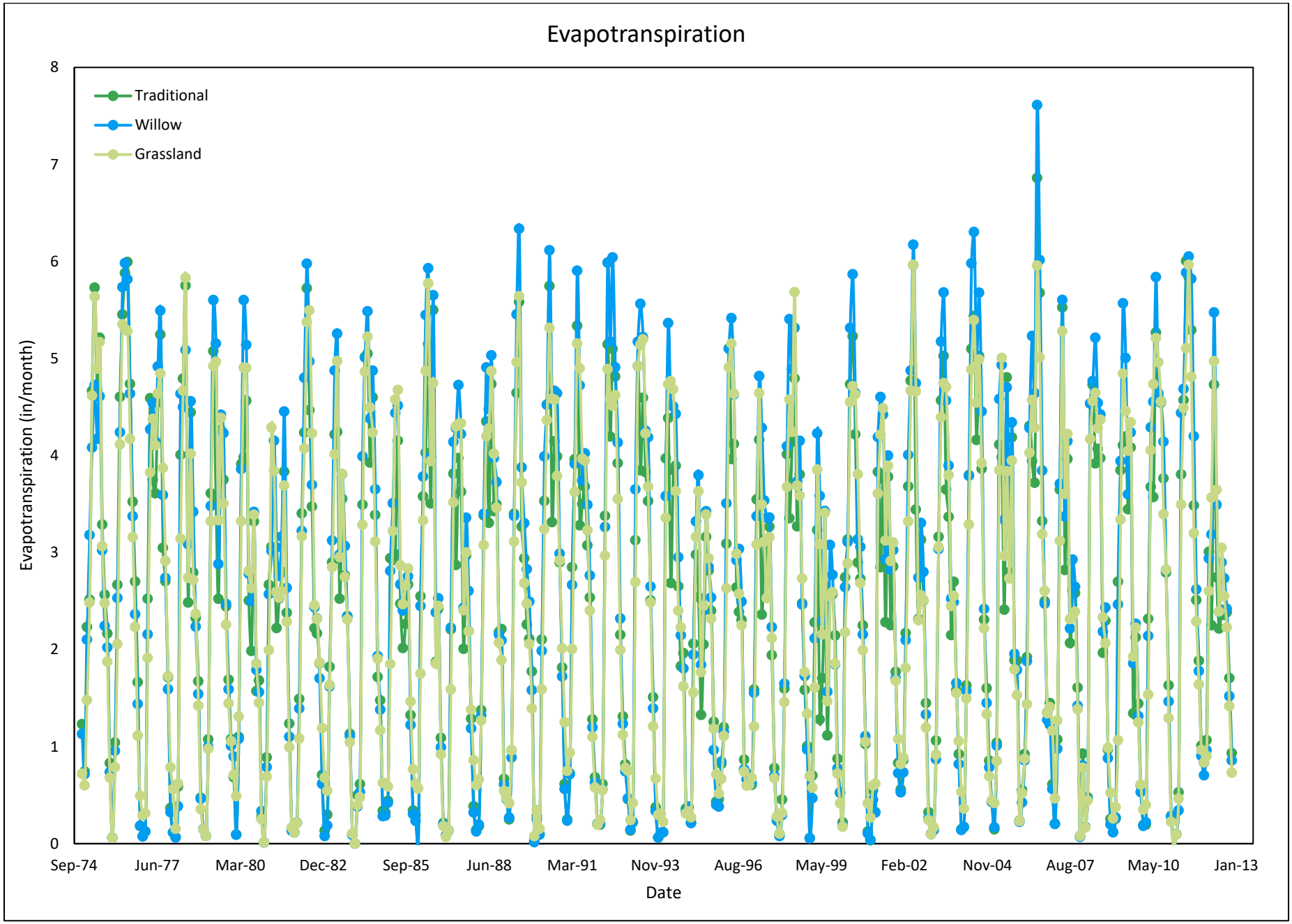
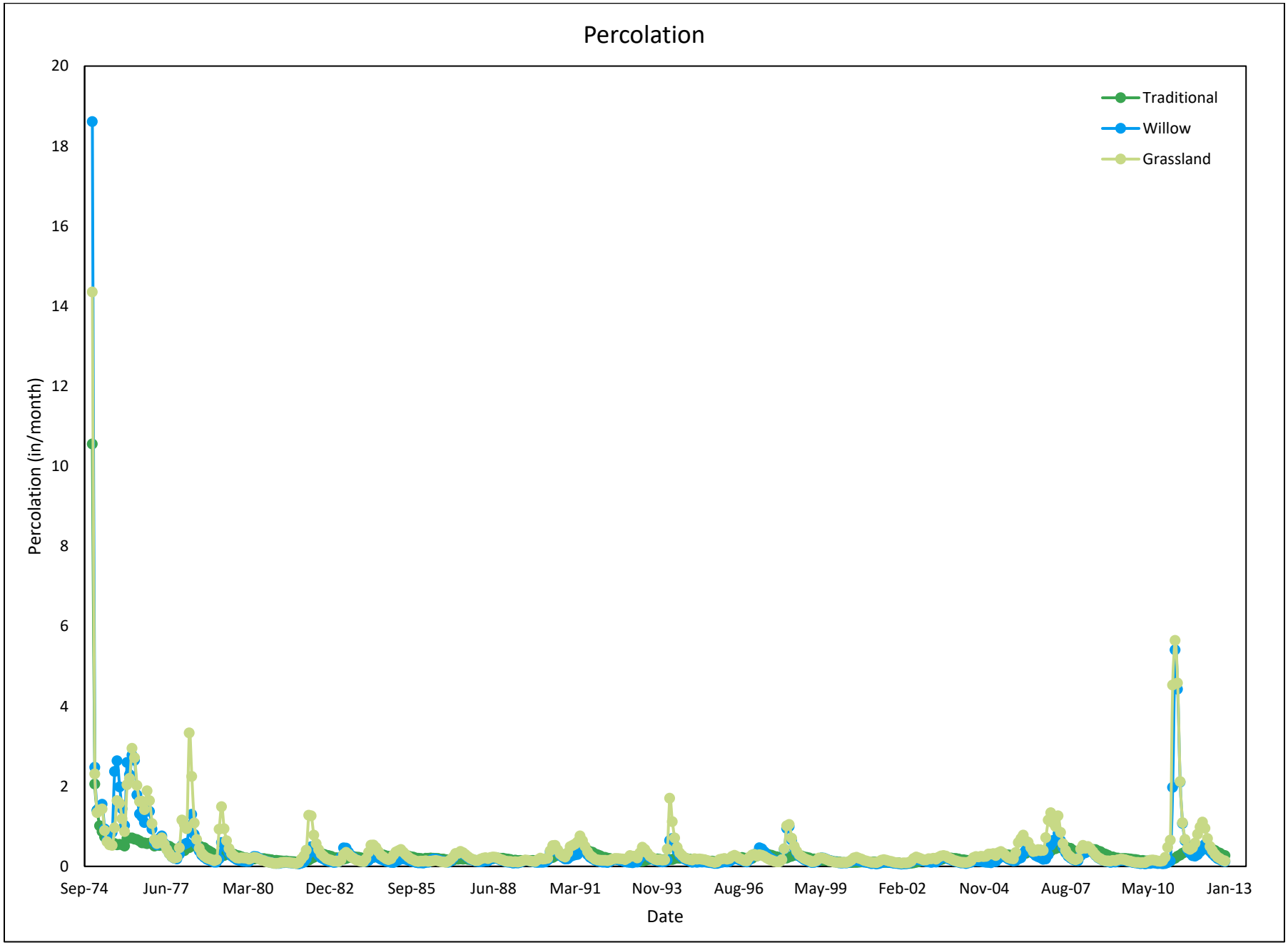
FIGURE 1C-4. TOTAL MONTHLY PERCOLATION FOR THE TRADITIONAL, WILLOW AND GRASSLAND COVERS